



**REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1969.**

JERSEY

*Presented to the States on 15th September, 1970, by
the Public Health Committee.*



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STATES OF JERSEY.

15th September, 1970.

THE PUBLIC HEALTH COMMITTEE by Act dated 10th August, 1970, presented to the Assembly the Report of the Medical Officer of Health for the year 1969.

THE STATES ordered that the said Report be printed and distributed.

E. J. M. POTTER,
Deputy Greffier of the States.

PUBLIC HEALTH COMMITTEE 1969.

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SENIOR DEPARTMENTAL STAFF.

<i>Medical Officer of Health</i> <i>Principal School Medical Officer</i>	W. Williams, B.Sc., M.B., B.Ch., D.T.M. & H., D.P.H.
<i>Deputy Medical Officer of Health</i> <i>School Medical Officer</i>	J. M. Joshua, M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.H. (until 16th April, 1969).
<i>Assistant Medical Officer of Health</i> <i>School Medical Officer</i>	S. M. Milligan, M.B., B.Ch. (from 21st April, 1969).
<i>Chief Sanitary Inspector</i>	R. F. Knowles, Cert.R.S.I. & S.I.B.
<i>Deputy Chief Sanitary Inspector</i>	R. B. Skinner, Cert.R.S.I. & S.I.B. (until 3rd May, 1969).
<i>Deputy Chief Sanitary Inspector</i>	E. G. Carter, Cert.R.S.I. & S.I.B. (from 5th May, 1969).
<i>Sanitary Inspectors</i>	R. Bridge, Cert.R.S.I. & S.I.B. T. P. Beresford, Cert.R.S.I. & S.I.B. P. J. Jemmeson, Cert.R.S.I. & S.I.B. W. J. G. Bates, Cert.R.S.I. & S.I.B. (from 1st August, 1969).
<i>Chief School Dental Officer</i>	I. J. Campbell, B.D.S.(Edin.)
<i>Dental Officers</i>	L. G. Moseley, L.D.S., R.C.S. J. C. Clarke, L.D.S., R.C.S. (until 11th April, 1969). T. Copp, B.D.S.(U.Liv.) (from 18th August, 1969).
<i>Chief Clerk</i>	L. J. Simon.
<i>Speech Therapist</i>	Miss A. E. Lowry, L.C.S.T., D.I.P.A.
<i>Social Welfare Officer</i>	Mrs. M. Gray.
<i>Crematorium Superintendent</i>	T. C. Hamon
<i>Ambulance Officer</i>	E. Burbidge.
<i>*Radiographer M.M.R.</i>	Mrs. L. Dupré.

*Part-time only.

CONTENTS.

	Pages
Introduction	6—12
I. Vital Statistics	13—27
II. Principal Causes of Death	28—32
III. Tuberculosis and other chest diseases in Jersey	33—35
IV. Mass Miniature Radiography	36—37
V. Early Detection Clinic	38
VI. Immunisation and Vaccination	39—40
VII. Infectious Diseases	41—42
VIII. School Medical Service	43—46
IX. School Dental Service	47
X. Speech Therapy	48—49
XI. Environmental Health Control	50—53
XII. Welfare of the Aged and Infirm	54—56
XIII. District Nursing and Child Welfare	57—58
XIV. Family Planning	59
XV. Crematorium	60
XVI. Ambulance Service	61—62

INTRODUCTION.

To THE PRESIDENT AND MEMBERS OF THE
PUBLIC HEALTH COMMITTEE.

MADAM PRESIDENT, GENTLEMEN,

I have the honour to present my Annual Report on the state of the public health in Jersey during 1969. This is my 7th Report as Medical Officer of Health and the 81st in the series.

This Report is divided into two sections ; the first provides what I hope will prove to be informative and interesting comments on the more important trends and happenings during the year, the second section is devoted entirely to statistical detail.

Two senior staff members were lost to the Department during the year. Dr. J. M. Joshua was appointed Medical Officer of Health of Western Newfoundland and took up his new duties in May, 1969. His place was taken by Dr. Shelagh Milligan who acted as Assistant Medical Officer of Health and School Doctor for the remainder of the year.

Mr. R. B. Skinner, the Deputy Chief Sanitary Inspector, was successful in securing the post of Chief Executive Officer to the Island Development Committee and left us on 3rd May, 1969. His successor is Mr. E. G. Carter, who has been a Sanitary Inspector in this Department since 1949.

Again this year I would like to draw your attention to the very valuable contributions made by the various voluntary organisations on this Island, in particular, the Jersey District Nursing Association through its various branches. The work of some of these is described later in the Report, but to them all I would like to say a personal "Thank you" for the unstinting help they have given to me and my Department.

Also I would like to express my gratitude to my fellow officers and colleagues of the Public Health Department for their active support throughout the year, especially to Mr. R. F. Knowles, the Chief Sanitary Inspector, and to Mr. L. Simon, Chief Clerk, who has compiled all the statistical material for this Report.

Finally, Madam, to you and to the members of your Committee I offer my thanks for the active interest you have shown in all matters relating to public health and for the courtesy and help you have afforded all members of this Department.

W. WILLIAMS,

Medical Officer of Health.

GENERAL HEALTH.

The health of the community remained good for most of the year, but a sharp, serious influenza epidemic affected the Island in the second half of December, 1969.

The last three months of the year also saw a disquieting rise in the number of paratyphoid and food poisoning cases. These outbreaks will be described in more detail later in this Report.

Child health also remained good throughout the year and the infant mortality rate was the lowest figure ever recorded in Jersey.

Lung cancer and coronary thrombosis again took their annual toll of the middle aged.

Cigarette smoking is by far the most important factor in the causation of lung cancer and it is also a factor in coronary thrombosis. 15 men in their middle age (45—65) died from cancer of the lung and 43 from coronary thrombosis. It can be estimated from these figures, without fear of contradiction, that cigarette smoking led to the premature death of at least 37 men in Jersey in 1969.

In all 115 men died in middle age from all causes and from this we can deduce that cigarette smoking was responsible for one-third of these deaths.

VITAL STATISTICS.

Births.

Fewer and fewer babies are being born in Jersey and the 1969 figure of 1,031 births is the lowest for 10 years. The birth rate (the number of live births per 1,000 estimated population) continued to fall for the seventh year running and its 1969 level of 15.9 is the lowest since 1957. The convenience and efficiency of the contraceptive pill has no doubt contributed to this fall.

Illegitimacy.

The 98 illegitimate births in 1969 give an illegitimacy rate of 9.5% of all births. This is the lowest for the past 5 years.

Out of the 98 unmarried mothers only 7 were pregnant when they came to live in Jersey. It may also be of interest to note that over one-third of all births to mothers under the age of 20 were illegitimate.

Stillbirths.

After the 1968 record low stillbirth rate of 11.9 it is disappointing, but not altogether unexpected, to have to record that the 1969 rate had risen to 20 per 1,000 total births. Stillbirths were first made notifiable in Jersey in 1951 and since that time the rate, although subject to annual fluctuation, has remained on the same level.

Deaths.

The 848 deaths in 1969 gave a standardised death rate of 11.7. In countries with a stable level of healthiness very little fluctuation in the death rate can be expected and this is true of Jersey.

Infant deaths.

One of the outstanding features of 1969 was the fact that only 12 babies died in their first year of life. This gave us an infant mortality rate of 11.6, which is the lowest ever recorded in Jersey.

8 out of the 12 babies died within a week of being born and usually from causes associated with childbirth, such as prematurity. Of the 4 babies who died between their first and twelfth month of life 3 were what are commonly described as "cot deaths" when apparently healthy babies are found dead in their cots. The cause of death is usually a sudden overwhelming viral infection of the respiratory tract. Research into the true nature and cause of "cot deaths" is being carried out in many parts of the world.

PRINCIPAL CAUSES OF DEATH.

As might be expected the main causes of death were cancer (22.4% of all deaths), coronary thrombosis (19.7%) and "strokes" (15.6%).

"Strokes" as a cause of death are of no great public health importance because three-quarters of all those who died from "strokes" were persons over 70 years of age and their deaths can, therefore, be acceptable as an accident in the inevitable process of ageing.

Cancer of the Lung.

Cancer of the lung proved this year again to be the most common form of lethal cancer.

53 Jersey residents (39 males and 14 females) died from this condition, which gives us a rate of 1,254 for males and 419 for females per million population.

Only one-third of those who died from cancer of the lung were over 70 years of age and the deaths of the other two-thirds must be regarded as premature.

Reports from other parts of the world suggest that cancer of the lung in middle aged males has passed its peak and that the death rate in this age group is receding. Unfortunately, we have no evidence of this in Jersey.

Cancer of the breast.

This was again the most lethal form of female cancer with 24 deaths. This is the highest figure yet recorded in Jersey and accounts for 5.5% of all female deaths.

Coronary thrombosis.

101 males died from coronary thrombosis in 1969 which accounted for 1 in every 4 male deaths. Furthermore, 43 of these men were still in middle age and 35.5% of all deaths of middle aged men is from coronary thrombosis.

TUBERCULOSIS.

33 cases of tuberculosis were notified during the year, but of these only 16 were in persons who might have contracted their illness when living in Jersey. The other 17 were very recent arrivals in the Island and were judged to have been suffering from the disease when they arrived, or were old cases of tuberculosis who had been under treatment for the disease in their own countries. 6 were aliens and were found to have tuberculosis as a result of the X-ray examination which is compulsory for all aliens coming to work in Jersey.

Again this year it is good to record that no case under the age of 25 was reported. The number of cases of pulmonary tuberculosis in the under-25 year olds in the past 15 years shows the vast improvement in the control of this disease.

Period	No. of T.B. Cases under 25 years of age
1955—1959	70
1960—1964	25
1965—1969	3

Mass Miniature Radiography.

Over 15,000 persons used the M.M.R. during the year and the T.B. yield rate was 0.9 cases per 1,000 X-rays.

We use the M.M.R. Unit to conduct a small poll of the smoking habits of those who attend and it is interesting this year to record fewer smokers in all age groups with the exception of the 50—59 year old females. The greatest change was in the younger age groups where there were 23.7% less smokers in 1969 than in 1960 in the 15—19 year old males and nearly 10% improvement in the smoking habits of girls of the same age. We hope that this trend will continue.

EARLY DETECTION CLINIC.

This Clinic worked to full capacity throughout the year with 868 attendances. These are appreciably fewer than in 1968, but the introduction of a breast examination as part of the screening process at the end of 1968 resulted in a slower rate of working.

85% of slides were normal; 0.6% revealed a possible pre-cancerous condition and 14% of patients were found on examination to suffer from other abnormalities for which they were referred back to their own doctors for treatment. The increasing popularity of this Clinic means that their number will have to be increased from two to three per week.

MEASLES VACCINATION.

The intention to promote a measles vaccination campaign in 1969 received a setback in the early part of the year when one of the only two drug firms manufacturing the vaccine decided to advise that the use of their product be suspended pending an investigation of serious reactions seen in a few children. Vaccine made by the other firm from a different strain of the measles virus continued to be used, but supplies were very limited and we were only able to stockpile a small quantity of the vaccine. It is hoped in 1970 that we will be able to commence an attack on measles with the intention of controlling this disease within 5 years.

INFECTIOUS DISEASES (other than tuberculosis).

Influenza.

The influenza epidemic which was expected in the winter of 1968/69 was 12 months late and it finally invaded the Island in December 1969. The causative organism was the Hong Kong variant of the Virus A2 and from other parts of the world that had already been affected by this type of influenza we anticipated that although it would be highly infectious the illness itself would be mild.

In truth it turned out to be a fairly severe illness—probably the most virulent form of influenza since the 1919 pandemic.

The daily life of the Island was not badly interrupted and this may probably have been due to the anti-influenza vaccinations which had been carried out during the previous year.

27 persons died from influenza and its complications, but most of these were in their senescence with only 8 of them below the age of 70 years. This low death rate from such a virulent strain of influenza virus can, I think, be ascribed to the protective effect of the modern antibiotic drugs in preventing the bronchial complications that so often follow influenza.

Paratyphoid.

Cases of a mild form of paratyphoid fever were first reported in early October 1969 and 8 such notifications were received in Jersey—one in a 6-month old baby. Communications from Medical Officers of Health in various parts of the British Isles showed that some visitors had also been infected.

One hotel was badly affected and 4 members of the kitchen staff were found to be carriers of the organism. 3 of these had suffered no symptoms and the other had suffered a gastric upset some weeks previously and it was thought that this person was the original source of infection.

Clinically the illness was mild and resembled food poisoning rather than the conventional paratyphoid fever. The organism in all cases was *Salmonella paratyphoid B* "Battersea" and despite widespread investigations it has not yet been possible to identify the food source of infection.

Venereal Disease.

Dr. P. G. Bentlif, Consultant Dermatologist/Venereologist at the General Hospital, reports an increase in gonorrhoea and in non-specific urethritis (NSU). Syphilis, fortunately, has decreased.

Although gonorrhoea is readily amenable to treatment (NSU is not) it is also readily acquired. Quite often a female suffering from gonorrhoea may have no obvious symptoms and, therefore, she might quite unwittingly spread her gonorrhoea as readily as she does her favours. Contact tracing, which means finding the source of infection and those persons infected, can be difficult because people are naturally, even in this permissive age, diffident in reporting their contacts.

The increase in gonorrhoea and other venereally transmitted conditions can be ascribed in part to the increasing popularity of "the pill" which is beginning to replace the older mechanical methods of contraception which proved a valuable barrier to infection.

RADIATION HAZARDS.

Again in 1969 we found no evidence of any increase in the level of activity in the samples of seaweed and silt collected from around our coast.

SCHOOL DENTAL SERVICE.

(From the Report of Mr. I. J. Campbell, Senior School Dental Officer).

1969 marked the tenth anniversary of the opening of the School Dental Service. In July 1959 the first full-time school dentist was employed to work from dilapidated temporary premises in Halkett Place. Ten years later we have three full-time dentists, aided by Mr. Swain who does part-time for the Department at the General Hospital, but we still operate from the even more dilapidated "temporary" premises.

The greatest disappointment over these ten years was the rejection of the recommendation that fluoride be added to the public water supply. The City of Birmingham commenced adding fluoride to its water at the same time as the original recommendation was made in Jersey, but even in this short time a notable improvement in the teeth of Birmingham schoolchildren is already apparent. Experiences from the many parts of the world where fluoridation is now being practised shows that the incidence of dental caries in children is reduced by at least 50% and at a very small cost—2d. per head per annum in Birmingham. In modern parlance, fluoride is without doubt the "best buy" in public health to-day and Jersey cannot afford to miss this bargain.

ENVIRONMENTAL HEALTH.

Report of Mr. R. F. Knowles, Chief Sanitary Inspector.

During the year under review the Deputy Chief Sanitary Inspector, Mr. R. B. Skinner, was successful in securing the appointment as Chief Executive Officer to the Island Development Committee and left the Department on 3rd May 1969. His successor is Mr. E. G. Carter, who has been with the Department since 1949. Our congratulations are extended to both these officers and we wish them well in their new appointments.

The subsequent staff vacancy was made good on 1st August 1969 when Mr. W. J. G. Bates commenced duties as a Sanitary Inspector. Mr. Bates comes to us with an excellent all-round experience and his particular metier in the field of food hygiene will materially assist the Department in furthering the work already undertaken in this sphere. We welcome him into the Department.

Building Control.

The officers of the various departments concerned with building applications met on 52 occasions during the year. Although the initial number of building applications (an average of 53 per week) showed a decrease from that in the previous year the number processed by the Department was virtually the same. During the year 393 dwelling units were completed, including 30 gained by converted premises.

Food and Drugs.

During the year 27 complaints concerning the purchase of food not of the nature, substance or quality demanded were received and investigated by the Department.

The provisions of Article 4 of the Food and Drugs (Jersey) Law, 1966 were invoked in respect of three of these complaints and legal proceedings were instituted against the vendors.

Also for the first time legal proceedings were taken under the provisions of the Food Hygiene (General Provisions) (Jersey) Order, 1967. The offence on this occasion concerned the insanitary condition of a hotel kitchen. The manager was fined £125 plus costs and the Company concerned was fined £225 plus costs.

It should be emphasised that the Department will only recommend that the Public Health Committee considers the institution of legal proceedings under the Food Hygiene Order in those instances when informal action has failed.

Clean Food.

As mentioned in the Annual Report for 1968 the Department considered it advisable for additional legislation to be introduced to give a larger measure of control over itinerant ice-cream vendors. As a result the Food and Drugs (Ice Cream Stalls, etc.) (Jersey) Order, 1969 became operative during the year. The Order requires, *inter alia*, that all vehicles used for the sale or exposure or offer for sale of ice cream shall be licensed by the Public Health Committee.

It is encouraging to report that samples of soft ice-cream taken for bacteriological examination showed a considerable improvement over the previous year.

Unsound Food.

During the year condemnation certificates were issued in respect of the following foods judged to be unfit for human consumption :—

Meat and meat products	...	...	...	...	...	...	...	...	15,220 lbs.
Fruit and vegetables	...	...	...	...	...	...	...	...	8,225 lbs.
Fish	...	...	...	...	...	...	...	...	1,603 lbs.
Cheese	...	...	...	...	...	...	...	...	1,089 lbs.
Miscellaneous...	...	...	...	...	...	...	...	...	11,152 lbs.

Sewering.

In the autumn of 1969 the newly laid sewers served by the Le Bourg pumping station became useable and sewerage facilities were thus provided for some 150 properties. Approximately half of these properties had connections made by the end of the year.

Some 250 properties in the La Rocque and Le Hurel areas were visited preparatory to being served by the next sewerage phase.

WELFARE OF THE AGED.

(From the Report of Mrs. M. Gray, Social Welfare Officer).

The Department has worked under great pressure throughout the year with ever increasing requests for accommodation in Old Persons' Homes. Added to this has been the constant need to find suitable places for patients transferred from the General Hospital to Homes and to Overdale, Sandybrook and Grouville Hospitals.

During 1969 two new Homes were opened—Fauvic Convalescent Home for 16 residents and 77 Great Union Road for 5 residents. Unfortunately, one Home of 12 beds—Roseneath, Route du Fort,—was closed.

The number of private Old Persons' Homes is now 17 and with the residents getting older and more infirm many of these Homes are getting to look like small hospitals with a number of the residents bedridden, chairbound and with other crippling disabilities needing nursing care. The Matrons of these Homes offer services far beyond what should usually be expected of them and they should be given all the encouragement and assistance possible.

One of their problems is the refusal of laundry firms to handle the ever increasing amount of soiled linen coming from these Homes, but it is hoped that with the opening of the new centralised hospital laundry at Overdale some arrangement might be made to overcome this problem.

Maison Le Pape.

This Home for needy menfolk in Jersey has been running to capacity throughout the year. Several of the residents have suffered from illnesses requiring day and night nursing care, but thanks to the diligence of the Matron it was possible to nurse them in the Home and thus relieve some of the pressure on the hospital.

Meals on Wheels and Home Helps.

These two services provided invaluable help to the community in 1969. Over 9,000 meals were delivered, which is 45% more than in 1968. This staggering increase is a great credit to the organisers who managed to cover the whole Island in one hour. The Home Helps also enlarged their service during the year and they now cover every Parish.

AMBULANCE SERVICE.

There was again in 1969 an increase in the number of patients carried in our ambulances. Over 80% of these patients were non-emergency cases carried to the various out-patient clinics and treatment units of the General Hospital.

Ambulances are intended to carry to the hospitals those for whom special transport is necessary, but during the year it became obvious that they were being used quite often as a taxi service when the persons they carried could quite easily and with no great inconvenience have found their own way to the hospital. One such example was the person who although he employed a chauffeur/gardener, was able to travel by car, needed no assistance of any kind came by ambulance to visit his consultant.

Tribute should be made to the very able assistance given by the hospital car service organised by the Women's Royal Voluntary Service. In 1969 its 27 drivers conveyed nearly 2,000 patients to and from the General Hospital and Mrs. Morton Fisher and her band of voluntary drivers are to be thanked for this proud achievement.

CREMATION.

(From the Report of Mr. T. C. Hamon, Crematorium Superintendent).

281 cremations were carried out in 1969, which means that one-third of all burials were by cremation.

Two services were held during the year—on Easter Sunday and the Sunday preceding Christmas. They were both conducted by the Rev. F. A. Turner of St. Lawrence and Mr. Gordon Le Breton played the organ. The attendances at these services was 270.

As usual the grounds, rose gardens and flower beds were beautifully maintained and gave great pleasure to the many visitors.

STATISTICAL SECTION.

I

VITAL STATISTICS.

Area (acres)	28,717
Population (estimated mid-year resident)	64,500
Number of persons per acre... ..	2
Marriages	645
Marriage rate (persons married per 1,000 estimated population)	20.0
Deaths	848
Death rate per 1,000 estimated population	13.1
Comparability factor	0.89
Standardised death rate	11.7
Live births	1,031
Live birth rate per 1,000 estimated population	15.9
Illegitimate live births	98
Illegitimate live births per cent of total live births	9.5
Stillbirths	21
Stillbirth rate per 1,000 live and stillbirths	20.0
Total live and stillbirths	1,052
Infant deaths	12
Infant mortality rate per 1,000 live births (total)	11.6
Infant mortality rate per 1,000 live births (legitimate)	8.6
Infant mortality rate per 1,000 live births (illegitimate)	40.8
Neo-natal mortality rate (first four weeks) per 1,000 live births	7.8
Early neo-natal mortality rate (first week) per 1,000 live births	7.8
Peri-natal mortality rate (stillbirths plus deaths during first week) per 1,000 live and stillbirths	27.6
Maternal deaths	2
Maternal mortality rate per 1,000 live and stillbirths	1.9
Malignant disease (cancer) (all forms) mortality rate per 1,000 estimated population	2.9
Tuberculosis (all forms) mortality rate per 1,000 estimated population... ..	0.03

POPULATION STATISTICS.

1969 ESTIMATED RESIDENT POPULATION.

TABLE I.—1.

	Male	Female	Total
Resident population 1961 Census	28,675	30,835	59,510
Births 1961 to 1969	5,247	5,147	10,394
Deaths 1961 to 1969	33,922 3,726	35,982 3,486	69,904 7,212
Estimated number of Jersey residents who might be out of the Island at one given time	30,196 904	32,496 904	62,692 1,808
Estimated mid-year resident population 1969 ...	31,100	33,400	64,500

POPULATION 1821—1969.

TABLE I.—2.

Year	Males	Females	Persons	
1821	13,056	15,544	28,600	Census. Total Population. (resident and foreign).
1831	17,006	19,576	36,582	
1841	21,602	25,942	47,544	
1851	26,238	30,782	57,020	
1861	24,843	30,770	55,613	
1871	24,875	31,752	56,627	
1881	23,485	28,960	52,445	
1891	24,965	29,553	54,518	
1901	23,940	28,636	52,576	
1911	24,014	27,884	51,898	
1921	22,438	27,263	49,701	Occupation Census. Resident population. Census. Total Population (resident and foreign).
1931	23,424	27,038	50,462	
1940	18,766	22,335	41,101	
1951	27,291	30,019	57,310	
1961	30,715	32,835	63,550	
1962	29,400	31,600	61,000	Estimated mid-year resident population.
1963	29,600	31,900	61,500	
1964	29,850	32,150	62,000	
1965	30,070	32,430	62,500	
1966	30,300	32,700	63,000	
1967	30,500	33,000	63,500	
1968	30,800	33,200	64,000	
1969	31,100	33,400	64,500	

MARRIAGE STATISTICS.

MARRIAGES AND MARRIAGE RATES 1945—1969.

TABLE I.—3.

Year	No. of marriages	Marriage rate (persons married per 1,000 estimated population)
1945	280	14.0
1946	436	17.5
1947	462	17.2
1948	542	19.0
1949	559	19.4
1950	566	19.9
1951	539	18.8
1952	459	15.8
1953	448	15.5
1954	457	15.9
1955	492	17.2
1956	544	19.0
1957	536	18.1
1958	511	17.9
1959	588	20.6
1960	508	17.7
1961	607	19.6
1962	595	19.8
1963	582	18.9
1964	597	19.3
1965	624	20.0
1966	595	18.9
1967	593	18.7
1968	630	19.7
1969	645	20.0

BIRTH STATISTICS.

LIVE BIRTHS AND LIVE BIRTH RATES 1958—1969.

TABLE I.—4.

Year	Total live births	Crude birth rate per 1,000 estimated population	Illegitimate births	Illegitimate live births per cent. of total live births
1958	942	16.5	49	5.2
1959	950	16.6	32	3.4
1960	1,032	18.0	51	4.9
1961	1,086	18.1	62	5.7
1962	1,186	19.4	70	5.9
1963	1,282	20.8	97	7.6
1964	1,235	19.9	116	9.4
1965	1,213	19.4	123	10.1
1966	1,158	18.4	115	9.9
1967	1,124	17.7	108	9.6
1968	1,079	16.8	119	11.0
1969	1,031	15.9	98	9.5

LIVE BIRTHS BY MONTH OF BIRTH.

TABLE I.—5.

Month	Male	Female	Total
January	45	42	87
February	43	32	75
March	48	46	94
April	59	42	101
May	55	36	91
June	37	39	76
July	37	51	88
August	42	52	94
September	37	45	82
October	47	45	92
November	35	34	69
December	45	37	82
Total	530	501	1,031

LIVE BIRTHS BY SEX, GESTATION, LEGITIMACY AND PARITY (BIRTH ORDER).

TABLE I.—6.

Position in Family	MALE				FEMALE				Total	% of Total
	Full-term		Premature		Full-term		Premature			
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.		
1st 	185	37	9	2	171	29	11	3	446	43%
2nd 	171	8	4	1	154	10	6	1	355	35%
3rd 	67	2	2	—	62	2	—	—	135	13%
4th 	15	2	1	—	35	—	—	—	53	5%
5th and over ...	21	1	2	—	17	—	—	—	41	4%
Totals 	459	50	18	3	430	41	17	4	1,031	

LIVE BIRTHS BY SEX, LEGITIMACY AND AGE OF MOTHER.

TABLE I.—7.

Age Groups	MALE		FEMALE		Total	% of Total
	Leg.	Illeg.	Leg.	Illeg.		
Under 15	—	—	—	—	—	—
15—19	22	8	24	16	70	7%
20—24	169	30	155	21	375	37%
25—29	154	9	145	5	313	30%
30—34	87	4	85	2	178	17%
35—39	34	1	34	—	69	7%
40—44	11	1	11	1	24	2%
45 and over	—	—	1	—	1	—
Unknown	—	—	1	—	1	—
Totals	477	53	456	45	1,031	

TOTAL BIRTHS (LIVE AND STILL) BY PLACE OF BIRTH.

TABLE I.—8.

Place of birth	Number of		Total	% of Total
	Live births	Stillbirths		
Jersey Maternity Hospital	1,013	19	1,032	98%
Nursing Homes or other hospitals ...	11	2	13	1%
At home	7	—	7	1%
Totals	1,031	21	1,052	

Five sets of twins were born during the year—two sets of males and three of mixed sets. One set was stillborn.

TOTAL BIRTHS (LIVE AND STILL) BY SEX, LEGITIMACY AND MOTHER'S LENGTH OF RESIDENCE IN JERSEY.

TABLE I.—9.

Length of residence in Jersey	LIVE BIRTHS				STILLBIRTHS				Total	% of Total
	Male		Female		Male		Female			
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.		
Under 9 months	12	5	14	2	—	—	—	—	33	3%
9 months—under 1 year...	9	3	5	2	—	—	—	—	19	2%
1 year—under 2 years ...	30	8	20	6	—	—	—	—	64	6%
2 years—under 3 years ...	37	3	33	2	—	—	—	—	75	7%
3 years—under 4 years ...	29	4	28	5	—	—	—	—	66	6%
4 years—under 5 years ...	34	4	24	—	—	—	—	1	63	6%
5 years and over	141	10	144	7	3	—	2	—	307	29%
Natives	184	16	184	21	6	—	6	2	419	40%
Unknown	—	—	4	—	1	—	—	—	5	1%
Visitor	1	—	—	—	—	—	—	—	1	—
Totals	477	53	456	45	10	—	8	3	1,052	

The above figures include babies born in Jersey to non-residents, but do not include those born to Jersey residents out of the Island. Notifications have been received indicating that 5 mothers with a permanent address in Jersey were delivered on the mainland. One was stillborn. Two were known to be illegitimate.

STILLBIRTHS AND STILLBIRTH RATES 1951—1969.

TABLE I.—10.

Year	Number of Stillbirths	Rate per 1,000 Live and Stillbirths
1951	12	14.0
1952	12	13.9
1953	18	22.7
1954	12	14.1
1955	14	18.7
1956	16	19.1
1957	11	13.0
1958	22	22.8
1959	15	15.5
1960	14	13.4
1961	20	18.1
1962	27	22.3
1963	18	13.8
1964	23	18.3
1965	20	16.2
1966	23	19.5
1967	14	12.3
1968	13	11.9
1969	21	20.0

STILLBIRTHS BY SEX, GESTATION, LEGITIMACY AND PARITY (BIRTH ORDER).

TABLE I.—11.

Position in Family	MALE				FEMALE				Total
	Full-term		Premature		Full-term		Premature		
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.	
1st	2	—	2	—	2	1	2	1	10
2nd	1	—	2	—	1	—	1	1	6
3rd	—	—	—	—	2	—	—	—	2
4th	1	—	1	—	—	—	—	—	2
5th and over	—	—	—	—	—	—	—	—	—
Unknown ...	—	—	1	—	—	—	—	—	1
Totals ...	4	—	6	—	5	1	3	2	21

STILLBIRTHS BY SEX, LEGITIMACY AND AGE OF MOTHER.

TABLE I.—12.

Age Groups	MALE		FEMALE		Total
	Leg.	Illeg.	Leg.	Illeg.	
15—19	—	—	—	1	1
20—24	4	—	3	1	8
25—29	1	—	2	—	3
30—34	2	—	2	1	5
35—39	1	—	1	—	2
40—44	—	—	—	—	—
45 and over ...	1	—	—	—	1
Unknown ...	1	—	—	—	1
Totals	10	—	8	3	21

DEATH STATISTICS.

DEATHS AND DEATH RATES 1955—1969.

TABLE I.—13.

Year	Number of deaths			Crude death rate per 1,000 estimated population	Standardised death rate
	Male	Female	Total		
1955	354	366	720	12.6	11.0
1956	393	347	740	12.9	11.2
1957	397	357	754	13.3	11.6
1958	382	390	772	13.5	11.8
1959	392	339	731	12.8	11.0
1960	399	391	790	13.7	12.0
1961	437	388	825	13.7	11.9
1962	363	351	714	11.7	10.2
1963	442	407	849	13.8	12.3
1964	388	370	758	12.2	10.9
1965	425	378	803	12.8	11.4
1966	397	381	778	12.3	10.9
1967	426	352	778	12.3	10.9
1968	434	425	859	13.4	11.9
1969	413	435	848	13.1	11.7

PERCENTAGE OF TOTAL DEATHS OCCURRING AT CERTAIN AGES AND AVERAGE AGE AT DEATH.

TABLE I.—14.

1955—1969.

Year	Under 40			40—49			50—59			60—64			65 and upwards			75 and upwards			Average age at death		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1955...	7.9	6.6	7.2	5.9	3.8	4.9	12.7	6.6	9.6	8.2	6.3	7.2	65.3	76.8	71.1	38.4	54.1	46.4	67	71	69
1956...	8.1	5.8	7.0	5.6	5.8	5.7	12.2	7.2	9.9	9.4	5.8	7.7	64.6	74.9	69.5	37.7	55.0	45.0	66	72	69
1957...	8.3	5.3	6.9	3.3	5.6	4.4	10.6	5.3	8.1	12.1	6.4	9.4	65.5	77.3	71.1	37.3	51.5	44.0	66	71	68
1958...	7.3	4.6	6.2	4.4	2.6	3.5	15.4	7.7	11.5	8.4	9.0	8.7	63.6	75.9	69.8	38.5	52.6	45.6	66	72	69
1959...	8.7	5.3	7.1	5.6	5.0	5.3	13.8	8.8	11.5	9.4	9.1	9.3	62.2	71.7	66.6	37.2	52.2	44.2	66	71	68
1960...	11.8	4.9	8.4	7.0	2.6	4.8	15.8	8.2	14.6	10.0	7.4	8.7	55.1	77.0	65.9	29.6	55.5	42.1	62	72	67
1961...	10.8	5.7	8.4	5.3	3.4	4.4	14.0	7.5	10.9	8.5	4.4	6.5	61.6	79.1	67.4	36.4	57.2	45.9	64	72	68
1962...	9.4	6.3	7.8	4.4	3.7	4.1	12.9	8.3	10.6	10.5	6.8	8.7	62.8	74.9	68.8	34.4	55.8	45.0	65	68	67
1963...	6.3	4.4	5.4	5.2	2.5	3.9	14.3	8.6	11.5	10.9	7.4	9.2	63.3	77.1	70.0	38.9	58.0	48.1	67	73	70
1964...	9.5	9.2	9.4	4.6	3.0	3.8	15.2	8.1	11.7	12.9	7.6	10.3	57.7	72.2	64.8	32.5	53.8	42.9	65	69	67
1965...	12.2	5.6	9.1	4.0	4.8	4.4	14.1	8.5	11.5	11.5	6.3	9.1	57.9	74.9	66.0	34.8	55.0	44.3	64	72	68
1966...	7.8	5.5	6.7	3.0	2.9	3.0	14.1	8.4	11.3	12.8	7.1	10.0	62.2	76.1	69.0	33.8	57.2	45.2	66	72	69
1967...	8.2	6.0	7.2	3.5	2.6	3.1	16.0	9.7	13.1	12.9	4.0	8.9	59.4	77.8	67.7	33.6	53.4	42.5	65	72	68
1968...	6.5	5.4	5.9	7.1	2.1	4.7	12.4	5.4	9.0	11.3	7.3	9.3	62.7	79.8	71.1	32.7	56.7	44.6	66	73	70
1969...	3.9	4.4	4.1	4.1	3.7	3.9	11.9	6.4	9.1	13.3	7.6	10.4	66.6	77.9	72.4	39.5	57.0	48.5	69	73	71
Average 1955—1959	8.1	5.5	6.9	5.0	4.6	4.8	12.9	7.1	10.1	9.5	7.3	8.5	64.2	75.3	69.6	37.8	53.1	45.0	66	71	69
Average 1960—1964	9.6	6.1	7.9	5.3	3.0	4.2	14.4	8.1	11.9	10.6	6.7	8.7	60.1	75.9	67.4	34.4	56.1	44.8	65	71	68
Average 1965—1969	7.7	5.4	6.6	4.3	3.2	3.8	13.7	7.7	10.8	12.4	6.5	9.5	61.8	77.3	69.2	34.9	55.9	45.0	66	72	69

DEATHS REGISTERED IN THE VARIOUS PARISHES OF THE ISLAND DURING THE YEAR 1969 BY MONTH OF REGISTRATION.

TABLE I.—15.

Parish	Month												Total
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
St. Helier ...	54	38	37	37	41	51	37	45	52	52	45	49	538
St. Saviour ...	7	6	4	9	7	12	5	5	5	9	7	8	84
St. Clement ...	4	—	2	4	2	1	3	2	3	1	4	1	27
Grouville ...	5	2	5	—	3	3	4	2	3	2	4	4	37
St. Martin ...	1	—	1	1	2	1	1	1	1	—	—	2	11
Trinity ...	2	1	—	1	2	—	1	—	1	2	—	1	11
St. John ...	1	—	—	1	1	—	—	—	—	1	1	1	6
St. Mary ...	—	—	1	—	—	3	—	1	—	1	2	—	8
St. Ouen ...	3	1	—	1	2	—	1	1	—	3	2	2	16
St. Peter ...	2	3	7	2	3	4	4	2	3	4	2	2	38
St. Brelade ...	5	6	1	2	5	7	6	5	6	3	2	4	52
St. Lawrence..	2	1	2	3	—	3	—	1	4	1	—	3	20
Totals ...	86	58	60	61	68	85	62	65	78	79	69	77	848

The above mortality figures include deaths of non-residents to the Island, but do not include Jersey residents who died when away from Jersey.

The figures for 1969 are as follows :—

Non-residents who died in Jersey 49

Jersey residents who died when away from the Island 40

NON-RESIDENTS WHO DIED IN JERSEY DURING THE YEAR 1969 BY CAUSE OF DEATH AND SEX.

TABLE I.—16.

	Male	Female	Total
Tuberculosis of respiratory system	—	1	1
Malignant neoplasm of trachea, bronchus and lung	2	—	2
Malignant neoplasm of prostate	1	—	1
Leukaemia and aleukaemia	1	—	1
Vascular lesions affecting central nervous system	3	1	4
Arteriosclerotic heart disease, including coronary thrombosis	18	6	24
Diseases of arteries	—	1	1
Other diseases of circulatory system... ..	—	3	3
Primary, atypical, other and unspecified pneumonia	—	1	1
Bronchitis, chronic and unqualified	—	1	1
Ulcer of duodenum	1	—	1
Motor vehicle accidents	1	—	1
Accidental poisoning	2	1	3
Accidental falls	—	1	1
Accidental drowning and submersion	3	—	3
Suicide and self-inflicted injury	1	—	1
Totals	33	16	49

INFANT MORTALITY 1969.

TABLE I.—17.

	Male		Female		Total	
	Leg.	Illeg.	Leg.	Illeg.	Leg.	Illeg.
Number of infant deaths (under 12 months of age)	3	2	5	2	8	4
Infant mortality rate per 1,000 live births					8.6	40.8
Number of deaths :—						
Under 7 days	3	1	3	1	6	2
7—28 days	—	—	—	—	—	—
28 days—3 months	—	1	—	—	—	1
3 months—1 year	—	—	2	1	2	1

CAUSES OF DEATH IN INFANTS UNDER 1 YEAR OF AGE FOR 1969.

TABLE I.—18.

Cause	Age at Death							
	Under 7 days		7—28 days		1—12 months		Total	
	M	F	M	F	M	F	M	F
Prematurity	2	4	—	—	—	—	2	4
Congenital Defects	—	—	—	—	—	1	—	1
Infections	1	—	—	—	1	1	2	1
Atelectasis	1	—	—	—	—	—	1	—
Accidental Asphyxia	—	—	—	—	—	1	—	1
Totals	4	4	—	—	1	3	5	7

MATERNAL AND INFANT DEATHS AND MORTALITY RATES.

TABLE I.—19.

1955—1969.

Year	Maternal		Peri-natal		Early neo-natal		Neo-natal		Total infant	
	Deaths	Rate per 1,000 total live and stillbirths	Deaths	Rate per 1,000 total live and stillbirths	Deaths	Rate per 1,000 total live births	Deaths	Rate per 1,000 total live births	Deaths	Rate per 1,000 total live births
1955	1	1.3	29	38.7	15	20.4	18	24.5	25	34.0
1956	1	1.2	25	29.9	9	11.0	10	12.2	15	18.3
1957	2	2.4	26	30.8	15	18.0	18	21.6	20	24.0
1958	2	2.1	32	33.2	10	10.6	12	12.7	17	18.0
1959	1	1.0	27	28.0	12	12.6	13	13.7	18	19.0
1960	—	—	34	32.5	20	19.4	22	21.3	31	30.0
1961	—	—	34	30.7	14	12.9	17	15.7	29	26.7
1962	—	—	40	33.0	13	11.0	20	16.9	27	22.8
1963	—	—	30	23.1	12	9.4	14	10.9	22	17.2
1964	—	—	42	33.4	19	15.4	22	17.8	29	23.5
1965	—	—	28	23.5	8	6.6	11	9.1	20	16.5
1966	—	—	37	33.0	14	12.1	15	13.0	19	17.4
1967	—	—	33	36.9	19	16.9	20	17.8	25	22.2
1968	—	—	23	21.1	10	9.3	13	12.0	18	16.7
1969	2	1.9	29	27.6	8	7.8	8	7.8	12	11.6

COMPARISON OF PRINCIPAL MORTALITY RATES, JERSEY—ENGLAND AND WALES.

TABLE I.—20.

1955—1969.

Year	Crude death rate		Maternal mortality rate		Stillbirth rate		Peri-natal mortality rate		Neo-natal mortality rate		Infant mortality rate	
	Jersey	E & W	Jersey	E & W	Jersey	E & W	Jersey	E & W	Jersey	E & W	Jersey	E & W
1955	12.6	11.7	1.3	0.59	18.7	23.2	38.7	37.4	24.5	17.3	34.0	24.9
1956	12.9	11.7	1.2	0.52	19.1	22.9	29.9	36.7	12.2	16.8	18.3	23.7
1957	13.3	11.5	2.4	0.45	13.0	22.5	30.8	36.2	21.6	16.5	24.0	23.1
1958	13.5	11.7	2.1	0.43	22.8	21.5	33.2	35.0	12.7	16.2	18.0	22.5
1959	12.8	11.6	1.0	0.38	15.5	20.8	28.0	34.1	13.7	15.9	19.0	22.2
1960	13.7	11.5	—	0.39	13.4	19.8	32.5	32.8	21.3	15.5	30.0	21.8
1961	13.3	12.0	—	0.33	18.1	19.0	30.7	32.0	15.7	15.3	26.7	21.4
1962	11.9	11.9	—	0.35	22.3	18.1	33.0	30.8	16.9	15.1	22.8	21.7
1963	13.8	12.2	—	0.28	13.8	17.2	23.1	29.3	10.9	14.3	17.2	21.1
1964	12.2	11.3	—	0.25	18.3	16.3	33.4	28.2	17.8	13.8	23.5	19.9
1965	12.8	11.5	—	0.25	16.2	15.8	23.5	26.9	9.1	13.0	16.5	19.0
1966	12.3	11.7	—	0.26	19.5	15.3	33.0	26.3	13.0	12.9	17.4	19.0
1967	12.3	11.2	—	0.20	12.3	14.8	36.9	25.4	17.8	12.5	22.2	18.3
1968	13.4	11.9	—	0.24	11.9	14.3	21.1	24.7	12.0	12.4	16.7	18.3
1969	13.1	*11.9	1.9	**	20.0	*13.2	27.6	*23.4	7.8	*12.0	11.6	*18.1

* Provisional data received from the General Register Office.

** Not yet available.

SOME CAUSES OF DEATH WITH THEIR DISTRIBUTION AS REGARDS SEX, RATE PER 1,000 POPULATION AND PERCENTAGE OF TOTAL DEATHS.

TABLE I.—21.

Cause	No. of deaths			Rate per 1,000 population			% of total deaths		
	M	F	T	M	F	T	M	F	T
NEOPLASMS	96	94	190	3.09	2.81	2.94	23.2	21.6	22.4
Stomach	5	12	17	0.16	0.36	0.26	1.2	2.8	2.0
Trachea, bronchus and lung	40	14	54	1.29	0.42	0.84	9.7	3.2	6.4
Breast	—	24	24	—	0.72	0.37	—	5.5	2.8
Prostate	10	—	10	0.32	—	0.16	2.4	—	1.2
All other sites	41	44	85	1.32	1.32	1.32	9.9	10.1	10.0
CARDIOVASCULAR DISEASES	195	191	386	6.27	5.72	5.98	47.2	43.9	45.5
Vascular lesions affecting central nervous system	57	75	132	1.83	2.25	2.05	13.8	17.2	15.6
Heart disease specified as involving coronary arteries	101	66	167	3.25	1.98	2.59	24.5	15.2	19.7
All other diseases of the circulatory system, the nervous system and sense organs ...	37	50	87	1.19	1.50	1.35	9.0	11.5	10.3
RESPIRATORY DISEASES	48	31	79	1.54	0.93	1.22	11.6	7.1	9.3
Influenza	5	3	8	0.16	0.09	0.12	1.2	0.7	0.9
Pneumonia	6	18	24	0.19	0.54	0.37	1.5	4.1	2.8
Bronchitis	31	7	38	1.00	0.21	0.59	7.5	1.6	4.5
All other respiratory diseases	6	3	9	0.19	0.09	0.14	1.5	0.7	1.1
DIGESTIVE DISEASES	8	16	24	0.26	0.48	0.37	1.9	3.7	2.8
Cirrhosis of liver	3	8	11	0.10	0.24	0.17	0.7	1.8	1.3
All other digestive diseases	5	8	13	0.16	0.24	0.20	1.2	1.8	1.5
CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY	4	5	9	0.13	0.15	0.14	1.0	1.1	1.1
Congenital malformations	—	1	1	—	0.03	0.02	—	0.2	0.1
Diseases peculiar to early infancy and im- maturity unqualified	4	4	8	0.13	0.12	0.12	1.0	0.9	0.9
ACCIDENTS AND SUICIDES	26	25	51	0.84	0.75	0.79	6.3	5.7	6.0
Motor vehicle accidents	3	4	7	0.10	0.12	0.11	0.7	0.9	0.8
All other accidents	17	18	35	0.55	0.54	0.54	4.1	4.1	4.1
Suicides	6	3	9	0.19	0.09	0.14	1.5	0.7	1.1
ALL OTHER CAUSES INCLUDING SENILITY ...	36	73	109	1.16	2.19	1.69	8.7	16.8	12.9
Senility	31	63	94	1.00	1.89	1.46	7.5	14.5	11.1
All other causes	5	10	15	0.16	0.30	0.23	1.2	2.3	1.8

II

PRINCIPAL CAUSES OF DEATH.

THE CANCERS.

All forms.

Mortality rate per 100,000 population : 293.

Average age at death : 70 for males and 69 for females.

Percentage of total deaths : 22%.

TABLE II.—I.

Analysis of deaths from all forms of malignant tumours registered in Jersey in 1969.

	Male	Female	Total
Buccal cavity and pharynx	1	2	3
Oesophagus	6	2	8
Stomach	5	12	17
Intestine, except rectum	3	10	13
Rectum	5	1	6
Larynx	4	—	4
Trachea, bronchus and lung	40	14	54
Breast	—	24	24
Cervix uteri	—	1	1
Other and unspecified parts of uterus	—	5	5
Prostate	10	—	10
Skin	—	2	2
Bone and connective tissue	2	—	2
All other and unspecified sites	16	18	34
Leukaemia and aleukaemia	1	1	2
Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	3	1	4
Totals	96	93	189

The above figures include 4 deaths (all males) occurring in non-residents, but do not include 9 Jersey residents (5 males and 4 females) who we know died from a malignant tumour whilst out of the Island.

TABLE I. 22.

Deaths (exclusive of foetal deaths) cross-classified by cause, sex and age, registered during the year 1969.

M A L E

CAUSE OF DEATH	All Ages (3)	Under 1 year (4)	1—4 years (5)	5—9 years (6)	10—14 years (7)	15—19 years (8)	20—24 years (9)	25—29 years (10)	30—34 years (11)	35—39 years (12)	40—44 years (13)	45—49 years (14)	50—54 years (15)	55—59 years (16)	60—64 years (17)	65—69 years (18)	70—74 years (19)	75 years and over (20)	Age not stated (21)
GROUP II—NEOPLASMS																			
Malignant neoplasm of buccal cavity and pharynx	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Malignant neoplasm of oesophagus	6	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	2	—
Malignant neoplasm of stomach	5	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	3	—
Malignant neoplasm of intestine, except rectum	3	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	—	—
Malignant neoplasm of rectum	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	4	—
Malignant neoplasm of larynx	4	—	—	—	—	—	—	—	—	—	—	—	1	—	—	2	—	1	—
Malignant neoplasm of trachea, bronchus and lung	40	—	—	—	—	—	—	—	—	—	—	—	3	7	5	15	1	9	—
Malignant neoplasm of prostate	10	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	2	7	—
Malignant neoplasm of bone and connective tissue	2	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Malignant neoplasm of all other and unspecified sites	16	—	—	—	—	—	—	—	—	—	—	1	—	1	2	3	5	4	—
Leukaemia and aleukaemia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	3	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	—	—	—
Total	96	—	—	—	—	—	—	—	—	—	—	1	4	10	13	26	11	31	—
GROUP V—MENTAL, PSYCHONEUROTIC AND PERSONALITY DISORDERS																			
Psychoses	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Psychoneuroses and disorders of personality	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Total	2	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—
GROUP VI—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																			
Vascular lesions affecting central nervous system	57	—	—	—	—	—	—	—	—	—	—	—	2	2	7	4	10	32	—
Multiple Sclerosis	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
All other diseases of the nervous system and sense organs	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—
Total	60	—	—	—	—	—	—	—	—	—	—	1	3	2	7	4	11	32	—
GROUP VII—DISEASES OF THE CIRCULATORY SYSTEM																			
Arteriosclerotic heart disease, including coronary disease	101	—	—	—	—	—	—	—	—	—	2	3	8	8	22	10	15	33	—
Chronic endocarditis not specified as rheumatic	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—
Other myocardial degeneration	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	—
Other diseases of heart	11	—	—	—	—	—	—	—	—	—	—	—	—	1	2	2	2	4	—
Hypertension with heart disease	4	—	—	—	—	1	—	—	—	—	1	—	—	—	—	1	1	—	—
Other hypertensive diseases	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Diseases of arteries	6	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1	3	—
Other diseases of circulatory system	7	—	—	—	—	—	—	—	—	—	1	—	1	2	2	1	—	—	—
Total	135	—	—	—	—	1	—	—	—	—	3	5	9	11	27	15	22	42	—
GROUP VIII—DISEASES OF THE RESPIRATORY SYSTEM																			
Influenza	5	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	1	1	—
Lobar pneumonia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Bronchopneumonia	3	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	2	—
Primary atypical, other, and unspecified pneumonia	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Acute bronchitis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Bronchitis, chronic and unqualified	30	—	—	—	—	—	—	—	—	—	1	—	—	1	3	3	6	16	—
Emphysema and abscess of lung	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Other diseases of respiratory system	5	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	3	1	—
Total	48	—	1	—	—	—	—	—	—	—	1	1	2	1	4	6	10	22	—
GROUP IX—DISEASES OF THE DIGESTIVE SYSTEM																			
Ulcer of stomach	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Ulcer of duodenum	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Intestinal obstruction and hernia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Gastro-enteritis and colitis, except diarrhoea of the newborn	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of liver	3	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—	—	—	—
Total	8	—	—	—	—	1	—	—	—	—	1	—	1	1	—	—	2	2	—
GROUP X—DISEASES OF THE GENITO-URINARY SYSTEM																			
Chronic, other, and unspecified nephritis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Hyperplasia of prostate	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Total	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
GROUP XV—CERTAIN DISEASES OF EARLY INFANCY																			
Post-natal asphyxia and atelectasis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infectious of the newborn	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ill-defined diseases peculiar to early infancy, and immaturity unqualified	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROUP XVI—SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS																			
Senility without mention of psychosis	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31	—
Ill-defined and unknown causes of morbidity and mortality	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Total	32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31	1
GROUP XVII—ACCIDENTS, POISONINGS AND VIOLENCE																			
Motor vehicle accidents	3	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—
Accidental poisoning	5	—	—	—	—	1	2	—	—	—	—	—	—	1	1	—	—	—	—
Accidental falls	6	—	—	—	—	—	—	—	—	—	—	—	—	—	2	3	—	1	—
Accidental drowning and submersion	4	—	—	—	—	—	—	—	—	—	1	1	1	—	1	—	—	—	—
All other accidental causes	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Suicide and self-inflicted injury	6	—	—	—	—	—	1	1	1	—	1	1	1	—	—	1	—	—	—
Total	26	—	—	—	1	1	3	3	1	—	2	2	2	1	4	4	—	2	—
All causes	413	4	1	—	1	3	3	3	1	—	7	10	22	27	55	56	56	163	1

TABLE I. 23.

Deaths (exclusive of foetal deaths) cross-classified by cause, sex and age, registered during the year 1969.

FEMALE

CAUSE OF DEATH	All Ages (3)	Under 1 year (4)	1—4 years (5)	5—9 years (6)	10—14 years (7)	15—19 years (8)	20—24 years (9)	25—29 years (10)	30—34 years (11)	35—39 years (12)	40—44 years (13)	45—49 years (14)	50—54 years (15)	55—59 years (16)	60—64 years (17)	65—69 years (18)	70—74 years (19)	75 years and over (20)	Age not stated (21)
GROUP I—INFECTIVE AND PARASITIC DISEASES																			
Tuberculosis of respiratory system	2	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Total	2	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
GROUP II—NEOPLASMS																			
Malignant neoplasm of buccal cavity and pharynx	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Malignant neoplasm of oesophagus	2	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	6	—
Malignant neoplasm of stomach	12	—	—	—	—	—	—	—	—	1	—	—	—	—	2	1	2	7	—
Malignant neoplasm of intestine, except rectum	10	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	—	—
Malignant neoplasm of rectum	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	2	5	—
Malignant neoplasm of trachea, bronchus and lung	14	—	—	—	—	—	—	—	—	—	—	—	1	1	3	2	2	10	—
Malignant neoplasm of breast	24	—	—	—	—	—	—	—	1	2	2	2	1	—	—	—	—	1	—
Malignant neoplasm of cervix uteri	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	—
Malignant neoplasm of other and unspecified parts of uterus	5	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1	—
Malignant neoplasm of skin	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—
Malignant neoplasm of all other and unspecified sites	18	—	—	—	—	—	—	—	—	—	—	4	—	2	2	2	1	—	—
Leukaemia and aleukaemia	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Lymphosarcoma and other neoplasms of lymphatic and haematopoietic system	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Benign neoplasms and neoplasms of unspecified nature	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	94	—	—	—	—	—	—	—	1	3	2	6	4	6	12	9	12	39	—
GROUP III—ALLERGIC, ENDOCRINE SYSTEM, METABOLIC AND NUTRITIONAL DISEASES																			
Avitaminosis and other deficiency states	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Allergic disorders; all other endocrine, metabolic diseases	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Total	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
GROUP VI—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																			
Vascular lesions affecting central nervous system	75	—	—	—	—	—	—	—	—	—	1	1	3	3	2	3	11	51	—
Total	75	—	—	—	—	—	—	—	—	—	1	1	3	3	2	3	11	51	—
GROUP VII—DISEASES OF THE CIRCULATORY SYSTEM																			
Chronic rheumatic heart disease	2	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Arteriosclerotic heart disease, including coronary disease	66	—	—	—	—	—	—	1	—	—	—	—	—	2	6	11	12	34	—
Chronic endocarditis not specified as rheumatic	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—
Other myocardial degeneration	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—
Other diseases of heart	14	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	4	9	—
Hypertensive heart disease	6	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	3	—
Other hypertensive disease	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
Diseases of arteries	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	7	—
Other diseases of circulatory system	10	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	4	4	—
Total	116	—	—	—	—	—	—	1	—	—	—	1	—	4	9	13	26	62	—
GROUP VIII—DISEASES OF THE RESPIRATORY SYSTEM																			
Influenza	3	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	—
Lobar pneumonia	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—
Bronchopneumonia	10	1	1	—	—	—	—	—	—	—	1	—	—	1	—	1	—	5	—
Primary atypical, other and unspecified pneumonia	5	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	1	—
Acute bronchitis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Bronchitis, chronic and unqualified	6	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1	3	—
Empyema and abscess of lung	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Other diseases of respiratory system	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—
Total	31	1	1	—	—	—	—	—	1	—	1	—	2	3	3	3	2	14	—
GROUP IX—DISEASES OF THE DIGESTIVE SYSTEM																			
Gastritis and duodenitis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Intestinal obstruction and hernia	3	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	—
Gastro-enteritis and colitis, except diarrhoea of the newborn	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Cirrhosis of liver	8	—	—	—	—	—	—	—	—	—	—	2	—	—	2	4	—	—	—
Cholelithiasis and cholecystitis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Other diseases of digestive system	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Total	16	—	—	—	—	—	—	—	—	—	2	—	—	1	3	5	—	5	—
GROUP X—DISEASES OF THE GENITO-URINARY SYSTEM																			
Chronic, other, and unspecified nephritis	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	—	—
Infections of kidney	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Total	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	1	—
GROUP XI—DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM																			
Haemorrhage of pregnancy and childbirth	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Other complications of pregnancy, childbirth, and the puerperium	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Total	2	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—
GROUP XIV—CONGENITAL MALFORMATIONS																			
All other congenital malformations	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROUP XV—CERTAIN DISEASES OF EARLY INFANCY																			
Ill-defined diseases peculiar to early infancy, and immaturity unqualified	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROUP XVI—SYMPTOMS, SENILITY AND ILL-DEFINED CONDITIONS																			
Senility without mention of psychosis	63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	62	—
Total	63	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	62	—
GROUP XVII—ACCIDENTS, POISONINGS AND VIOLENCE																			
Motor vehicle accidents	4	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	2	—
Accidental poisoning	8	—	—	—	—	—	—	—	—	—	—	—	—	1	2	—	1	2	—
Accidental falls	9	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	1	8	—
All other accidental causes	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide and self-inflicted injury	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	25	1	—	—	1	—	—	—	1	—	1	1	1	1	3	—	2	13	—
All causes	435	7	1	—	1	—	—	2	5	3	5	11	10	18	33	35	56	248	—

TABLE I.—24.

Deaths (exclusive of foetal deaths), cross-classified by cause and sex, registered during the years 1965 — 1969.

	1965			1966			1967			1968			1969		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
GROUP I — Infective and Parasitic Diseases	—	2	2	3	3	6	2	1	3	1	3	4	—	2	2
GROUP II — Neoplasms	97	67	164	73	84	157	95	72	167	108	82	190	96	94	190
GROUP III — Allergic, endocrine system, metabolic, and nutritional diseases	1	6	7	1	2	3	3	1	4	2	1	3	—	2	2
GROUP IV — Diseases of the blood and blood-forming organs	—	—	—	1	3	4	1	—	1	—	1	1	—	—	—
GROUP V — Mental, psychoneurotic, and personality disorders.....	—	2	2	1	1	2	1	1	2	2	1	3	2	—	2
GROUP VI — Diseases of the nervous system and sense organs	35	72	107	42	56	98	39	58	97	44	94	138	60	75	135
GROUP VII — Diseases of the circulatory system	122	101	223	129	77	206	152	100	252	139	99	238	135	116	251
GROUP VIII — Diseases of the respiratory system	46	21	67	56	31	87	45	17	62	40	28	68	48	31	79
GROUP IX — Diseases of the digestive system	13	13	26	14	20	34	18	17	35	19	14	33	8	16	24
GROUP X — Diseases of the genito-urinary system	8	2	10	3	4	7	4	5	9	9	1	10	2	4	6
GROUP XI — Deliveries and complications of pregnancy,childbirth and the puerperium	—	—	—	—	—	—	—	—	—	—	1	1	—	2	2
GROUP XII — Diseases of the skin and cellular tissue	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROUP XIII — Diseases of the bones and organs of movement	—	1	1	—	1	1	—	1	1	—	—	—	—	—	—
GROUP XIV — Congenital malformations	3	3	6	9	5	14	1	2	3	1	3	4	—	1	1
GROUP XV — Certain diseases of early infancy	7	2	9	6	4	10	16	4	20	4	5	9	4	4	8
GROUP XVI — Symptoms, senility, and ill-defined conditions	34	64	98	26	71	97	31	54	85	36	77	113	32	63	95
GROUP XVII — Accidents, poisonings, and violence	59	22	81	33	19	52	18	19	37	29	15	44	26	25	51
TOTAL	425	378	803	397	381	778	426	352	778	434	425	859	413	435	848

Cancer of the Lung.

Mortality rate per 100,000 population : 83.

Average age at death : 66 for males and 70 for females.

Percentage of all male cancer deaths : 42%.

Percentage of all female cancer deaths : 16%.

Percentage of all deaths from cancer : 29%.

Percentage of total deaths : 6%.

The above figures are based on the deaths registered in Jersey. These include 2 non-residents (both males) but we know that 1 Jersey resident (male) died from this disease on the mainland and, therefore, the true position is that 53 Jersey residents (39 males and 14 females) died of lung cancer in 1969.

TABLE II.—2.

Carcinoma of the Lung.

Trends in mortality of Jersey residents in age groups and comparison of crude death rates per million living for both sexes, Jersey—England and Wales, 1955—1969.

Year	MALE						FEMALE					
	No. of deaths of Jersey residents				Rate per million		No. of deaths of Jersey residents				Rate per million	
	Under 40	40—59	60 & over	Total	Jersey	England & Wales	Under 40	40—59	60 & over	Total	Jersey	England & Wales
1955	—	7	7	14	515	693	—	1	3	4	133	106
1956	—	8	9	17	625	726	—	1	3	4	133	111
1957	—	9	17	26	963	759	—	1	—	1	34	116
1958	—	9	17	26	959	782	—	2	7	9	301	118
1959	1	10	17	28	1,029	829	—	2	2	4	133	122
1960	1	11	19	31	1,131	852	—	4	5	9	299	131
1961	—	12	22	34	1,168	869	—	—	4	4	127	139
1962	—	8	17	25	850	893	1	—	6	7	222	144
1963	—	5	24	29	980	907	—	1	4	5	157	151
1964	—	11	22	33	1,106	930	1	2	5	8	249	159
1965	1	14	32	47	1,563	955	1	4	7	12	370	168
1966	1	10	24	35	1,155	969	—	1	7	8	245	177
1967	—	13	27	40	1,311	1,002	—	1	5	6	182	188
1968	—	11	31	42	1,364	1,012	—	2	9	11	331	198
1969	—	10	29	39	1,254	*	—	2	12	14	419	*

* Not yet available.

Cancer of the Breast.

Number of deaths : 24

Average age at death : 65

Percentage of all female cancer deaths : 26%

Percentage of all female deaths : 6%

TABLE II.—3.
Cancer of the Breast.Trends in mortality of Jersey residents in age groups and comparison of annual crude death rates per million women,
Jersey—England and Wales, 1955—1969.

Year	No. of deaths of Jersey residents				Rate per million women	
	Under 40	40—59	60 & over	Total	Jersey	England & Wales
1955	—	7	9	16	533	369
1956	1	3	4	8	267	371
1957	—	2	4	6	201	370
1958	—	5	8	13	435	382
1959	1	6	9	16	533	370
1960	1	2	12	15	498	382
1961	—	3	4	7	191	389
1962	—	3	8	11	348	388
1963	—	4	7	11	345	390
1964	1	7	12	20	622	404
1965	—	8	6	14	432	394
1966	—	7	10	17	550	397
1967	—	4	9	13	424	412
1968	2	4	13	19	572	409
1969	3	6	15	24	718	*

* Not yet available.

Cancer of the Womb.

Number of deaths from cancer of the cervix : 1

Number of deaths from other and unspecified parts of uterus : 5

Average age at death : 72

CORONARY THROMBOSIS.

The increasing incidence of coronary thrombosis as a cause of death especially in the middle aged is shown in the following table.

TABLE II.—4.
DEATHS FROM CORONARY THROMBOSIS
1952 — 1969

Year	Total Deaths			Deaths from Coronary Disease						Total Deaths in age groups 40—64			Deaths from Coronary Disease in age groups 40—64					
				No.			%						No.			%		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
1952	341	326	667	32	30	62	9.4	9.2	9.3	92	58	150	9	2	11	9.8	3.4	7.3
1953	381	345	726	57	26	83	15.0	7.5	11.4	110	54	164	24	7	31	21.8	13.0	18.9
1954	377	358	735	56	22	78	14.9	6.1	10.6	102	65	167	18	3	21	17.6	4.6	12.6
1955	353	367	720	42	23	65	11.9	6.3	9.0	95	61	156	20	2	22	21.1	3.3	14.1
1956	392	347	739	55	28	83	14.0	8.1	11.2	107	65	172	19	5	24	17.8	7.7	14.0
1957	397	357	754	55	28	83	13.9	7.8	11.0	102	62	164	21	2	23	20.6	3.2	14.0
1958	382	390	772	61	45	106	16.0	11.5	13.6	109	75	186	25	10	35	22.9	13.3	18.8
1959	392	339	731	78	31	109	19.9	9.1	14.9	113	78	191	35	6	41	31.0	7.7	21.5
1960	397	393	790	67	47	114	16.9	12.0	14.4	132	72	204	30	6	36	22.7	8.3	17.6
1961	437	388	825	73	33	106	16.7	8.5	12.8	120	59	179	29	3	32	24.2	5.1	17.9
1962	363	351	714	66	37	103	18.2	10.5	14.4	101	66	167	37	11	48	36.6	16.7	28.7
1963	442	407	849	74	38	112	16.7	9.3	13.2	134	75	209	35	8	43	26.1	10.7	20.6
1964	388	370	758	94	44	138	24.2	11.9	18.2	127	69	196	45	6	51	35.4	8.7	26.0
1965	425	378	803	88	60	148	20.7	15.9	18.4	127	74	201	39	9	48	30.7	12.2	23.9
1966	397	381	778	95	46	141	23.9	12.1	18.1	119	70	189	35	7	42	29.4	10.0	22.2
1967	426	352	778	105	61	166	24.6	17.3	21.3	138	57	195	44	12	56	31.9	21.1	28.7
1968	434	425	859	103	59	162	23.7	13.9	18.9	134	63	197	42	9	51	31.3	14.3	25.9
1969	413	435	848	101	66	167	24.5	15.2	19.7	121	77	198	43	8	51	35.5	10.4	25.8

ACCIDENTS.

TABLE II.—5.

	Motor Vehicle	All other accidents
Number of male deaths	3	17
Number of female deaths... ..	4	18
Average age for males	39	51
Average age for females	61	69
Youngest	12 years	7 months
Oldest	86 years	92 years

TABLE II.—6.

TYPES OF ACCIDENTS.

Falls	15
Drowning... ..	4
Carbon monoxide poisoning	3
Barbiturate poisoning	3
Respiratory failure caused by a combination of alcohol and barbiturates	4
Respiratory failure due to cor pulmonale and drugs	1
Heart failure associated with inhalation of an organic solvent and breath holding	1
Inhalation of vomit associated with excess of barbiturates and alcohol	1
Electrocuted	1
Late effect of motor vehicle accident	1
Asphyxia due to suffocation by pillow in cot	1

SUICIDES.

Number of successful suicides : 6 males and 3 females.

Average age : 50.

Youngest : 26.

Oldest : 85.

TABLE II.—7.

Forms of Suicide.

Drowning	2
Barbiturate poisoning	2
Gassing	1
Hanging	1
Shooting... ..	1
Chloral poisoning potentiated by alcohol	1
Methaqualone poisoning	1

III TUBERCULOSIS.

Total number of cases of pulmonary tuberculosis notified :	...	...	...	33
Number of indigenous cases of pulmonary tuberculosis :	...	...	...	16
Incidence rate of pulmonary tuberculosis per 100,000 estimated population :				24.8
Number of deaths from pulmonary tuberculosis :	...	...	...	2
Tuberculosis (all forms) mortality rate per 1,000 estimated population :	...	...	...	0.03
Number of cases of non-pulmonary tuberculosis notified :	...	...	...	5
Incidence rate of non-pulmonary tuberculosis per 100,000 estimated population :				7.8

TABLE III.—I.

Indigenous cases of pulmonary tuberculosis with their distribution as regards age, sex and sputum positive 1952—1969.

Year	Age Groups																Total		No. Sputum Positive		% Sputum Positive Male and Female Combined
	0-14		15-24		25-34		35-44		45-54		55-64		65-74		75+						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1952	2	2	8	9	12	11	10	3	8	2	4	6	2	2	—	—	46	35	32	21	59%
1953	3	4	11	13	5	2	9	2	7	1	2	2	3	1	—	1	40	26	17	18	
1954	1	1	9	6	4	2	8	2	6	6	5	1	—	1	—	—	33	19	17	12	
1955	1	2	6	7	6	10	6	1	2	2	6	1	—	—	—	—	27	23	17	10	45%
1956	—	—	11	13	9	7	6	3	5	2	2	1	1	—	1	—	35	26	19	5	
1957	—	—	5	6	5	7	6	3	2	2	7	1	4	—	—	—	29	19	17	4	
1958	—	1	3	9	8	4	9	5	6	5	6	2	6	—	1	1	39	27	24	9	44%
1959	1	—	4	1	5	4	5	5	4	6	4	4	2	1	—	—	25	21	11	9	
1960	2	1	2	4	5	3	9	4	7	3	6	—	3	2	—	—	34	17	14	5	
1961	2	—	2	4	2	1	6	3	4	3	4	2	2	1	—	—	22	14	8	3	40%
1962	1	1	—	1	2	—	3	4	5	1	4	2	—	—	—	—	15	9	8	3	
1963	—	—	1	—	3	1	3	1	1	1	4	—	1	—	1	—	14	3	8	1	
1964	—	1	2	1	3	2	2	3	4	—	4	—	1	—	—	—	16	7	10	4	55%
1965	—	—	—	—	2	—	1	3	2	1	3	—	—	—	1	—	9	4	4	2	
1966	—	—	2	1	3	2	—	1	2	—	6	2	—	—	1	—	14	6	10	1	
1967	—	—	1	—	2	2	3	—	4	2	1	—	—	1	1	—	12	5	9	4	67%
1968	—	—	—	—	1	1	3	1	1	2	2	1	3	—	—	—	10	5	6	2	
1969	—	—	—	—	2	2	3	1	2	—	3	2	1	—	—	—	11	5	7	4	

TABLE III.—2.

Severity of indigenous cases of pulmonary tuberculosis 1969.

Description	Category	Males	Females	Total
Early or minimal	A1 A2	4	1	5
Moderate	A3 B1	4	2	6
Advanced	B2 B3	3	2	5
All types		11	5	16

OVERDALE HOSPITAL.

TABLE III.—3.

Attendances at the Chest Clinic 1965—1969.

Year	Old Patients	New Patients
1965	1,152	257
1966	1,146	275
1967	1,020	400
1968	979	433
1969	981	410

IV MASS MINIATURE RADIOGRAPHY.

TABLE IV.—1.
Distribution and yield per 1,000 examinations for 1969.

Group	No. of X-rays taken	Pul. T.B.		Lung Cancer		Heart		Other Lung Diseases	
		No. of Cases	Yield per 1,000	No. of Cases	Yield per 1,000	No. of Cases	Yield per 1,000	No. of Cases	Yield per 1,000
Self-applicants	8,947	2	0.2	3	0.3	11	1.2	24	2.7
Referred by doctors ...	1,865	5	2.7	5	2.7	15	8.0	55	29.5
Aliens	3,637	6	1.6	1	0.3	—	—	11	3.0
Others	1,089	1	0.9	—	—	4	3.7	2	1.8
Total	15,538	14	0.9	9	0.6	30	1.9	92	5.9

Of the 6 aliens found to be suffering from pulmonary tuberculosis 2 were French, 2 were Portuguese, 1 was Italian and 1 was Austrian.

TABLE IV.—2.
Distribution by sex and age of all the individuals who attended the M.M.R. Unit in 1969.

Age Groups		Self-applicants		Doctors Cases	Contacts	Tuberculin Positives	Aliens	Hospital Staff	Totals
		New	Repeats						
Under 20	M	35	94	112	5	—	167	1	414
	F	53	175	91	1	—	97	48	465
20—29	M	82	533	253	9	—	1,131	15	2,023
	F	97	687	190	6	—	457	283	1,720
30—39	M	48	893	158	8	—	608	35	1,750
	F	31	985	124	8	—	269	118	1,535
40—49	M	19	1,044	136	3	—	420	21	1,643
	F	25	1,045	123	3	—	187	95	1,478
50—59	M	18	820	136	3	—	167	27	1,171
	F	19	808	126	8	—	79	87	1,127
60—69	M	5	521	110	6	—	47	7	696
	F	6	537	104	3	—	8	29	687
70 and over	M	3	188	51	—	—	—	3	245
	F	3	165	69	2	—	—	3	242
Totals	M	210	4,093	956	34	—	2,540	109	7,942
	F	234	4,402	827	31	—	1,097	663	7,254

TABLE IV. 3.

Annual variations in the different categories of those attending the M.M.R. Unit 1954-1969.

Category	NUMBERS X-RAYED																	Pulmonary T.B.		Lung Cancer	
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	Totals	Total Nos. of active T.B. cases found	Yield of T.B. cases per 1,000	Total Nos. of lung cancer cases found	Yield of lung cancer cases per 1,000
New Self-Applicants	2,469	1,451	1,196	1,044	1,773	1,368	2,388	745	405	544	608	455	457	423	499	444	16,269	51	3.1	2	0.1
Repeat Self-Applicants	—	1,979	3,114	4,236	4,606	5,599	6,874	8,147	8,310	8,208	8,163	7,959	8,086	8,141	8,367	8,495	100,284	48	0.5	40	0.4
Doctors' Cases	292	478	1,422	1,743	1,394	1,615	1,614	1,660	1,882	2,083	1,892	1,868	1,827	1,692	1,760	1,783	25,005	132	5.3	119	4.8
Contacts	348	1,102	1,507	768	416	386	286	144	198	106	226	89	180	106	85	65	6,012	19	3.2	—	—
Tuberculin Positives	204	217	235	188	147	132	120	95	67	67	51	31	5	7	—	—	1,566	1	0.6	—	—
Aliens	206	1,510	2,506	2,181	2,510	2,233	2,396	2,759	2,835	3,139	3,019	3,040	3,208	3,450	3,611	3,637	42,240	112	2.7	3	0.1
Hospital Staff	—	17	644	592	503	785	726	826	884	805	814	883	958	766	744	772	10,719	12	1.1	4	0.4
Total number of chest films taken ...	3,519	6,754	10,624	10,752	11,349	12,118	14,404	14,376	14,581	14,952	14,773	14,325	14,721	14,585	15,066	15,196	202,095	—	—	—	—
Cases of active Pul. T.B. found ...	19	17	51	38	50	22	38	28	16	22	12	11	14	13	10	14	375	375	1.9	—	—
Cases of lung cancer found... ..	—	1	13	13	8	14	18	13	15	11	5	15	12	9	12	9	168	—	—	168	0.8

TABLE IV. 4.

MASS MINIATURE RADIOGRAPHY.

Year ending 31st December, 1969.

D.N.A. Dr. M. 4 : Dr. F. 1 Aliens M. 2 S.A. F. 1 Total ... 8		Min. X-rays		Passed on Min. film		Recalled for Large film		Passed on Large film		Treatment Cases		Cases for Observation		Other significant abnormalities.					
														Cancer		Heart		Other Lung Diseases	
		Grand Total	Repeats	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total	Total	% of Grand Total
Self- Applicants (New)	M	210	—	206	98.10	4	1.90	1	0.48	—	—	1	0.47	—	—	2	0.95	—	—
	F	234	—	228	97.43	6	2.57	4	1.72	—	—	—	—	—	—	2	0.86	—	—
Self- Applicants (Repeats)	M	4097	4097	4040	98.61	57	1.39	33	0.81	1	0.02	2	0.05	3	0.07	5	0.12	13	0.32
	F	4406	4406	4355	98.84	51	1.16	36	0.82	1	0.02	—	—	—	—	2	0.04	11	0.25
Doctors' Cases	M	1006	439	922	91.65	84	8.35	32	3.19	5	0.50	1	0.10	2	0.20	8	0.80	32	3.19
	F	859	382	790	91.97	69	8.03	33	3.84	—	—	2	0.23	3	0.35	7	0.81	23	2.78
Contacts	M	37	14	37	100.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	32	13	30	93.75	2	6.25	—	—	—	—	1	3.12	—	—	1	3.13	—	—
Tuberculin Positives	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aliens	M	2540	1543	2484	97.80	56	2.20	31	1.22	6	0.24	6	0.24	1	0.04	—	—	10	0.39
	F	1097	628	1078	98.27	19	1.73	17	1.55	—	—	1	0.09	—	—	—	—	1	0.09
Hospital Staff	M	132	106	124	93.94	8	6.06	4	3.03	—	—	1	0.76	—	—	3	2.29	—	—
	F	888	665	878	98.87	10	1.13	7	0.79	1	0.11	—	—	—	—	—	—	2	0.23
TOTALS	M	8022	6199	7813	97.39	209	2.61	101	1.26	12	0.15	11	0.13	6	0.07	18	0.23	55	0.69
	F	7516	6094	7359	97.91	157	2.09	97	1.30	2	0.03	4	0.05	3	0.04	12	0.16	37	0.49

15,538 films—342 more than once in year=15,196 individuals.

TABLE IV. 6.
Survey of smoking habits of the general population in 1969—giving distribution by age, sex and amounts smoked.

Age Groups		Number asked	Non-smokers	% of Total	PIPE TOBACCO						CIGARETTES										CIGARS					
					0-3 oz.	% of Total	4-6 oz.	% of Total	7 oz.	% of Total	0-9	% of Total	10-19	% of Total	20-29	% of Total	30-39	% of Total	40 +	% of Total	5	% of Total	10	% of Total	15	% of Total
15-19	M	190	146	76.84	2	1.05	—	—	—	—	11	5.79	17	8.95	11	5.79	2	1.05	1	0.53	—	—	—	—	—	—
	F	290	256	88.28	—	—	—	—	—	—	12	4.14	20	6.90	1	0.34	1	0.34	—	—	—	—	—	—	—	—
20-29	M	814	387	47.54	16	1.96	4	.49	—	—	39	4.80	159	19.53	157	19.29	26	3.20	17	2.09	8	0.98	1	0.12	—	—
	F	927	644	69.47	—	—	—	—	—	—	59	6.36	144	15.53	73	7.88	5	0.54	2	0.22	—	—	—	—	—	—
30-39	M	1069	430	40.23	48	4.49	18	1.68	1	0.09	38	3.55	168	15.72	250	23.39	57	5.33	32	2.90	14	1.31	8	0.74	5	0.47
	F	1128	706	62.59	—	—	—	—	—	—	89	7.90	207	18.32	107	9.50	16	1.42	3	0.27	—	—	—	—	—	—
40-49	M	1171	400	34.16	49	4.19	55	4.70	5	0.42	35	2.99	157	13.41	304	25.96	89	7.60	47	4.01	18	1.54	10	0.85	2	0.17
	F	1188	661	55.64	—	—	—	—	—	—	95	8.00	244	20.54	151	12.71	26	2.18	11	0.93	—	—	—	—	—	—
50-59	M	970	302	31.13	45	4.64	52	5.36	3	0.31	32	3.30	150	15.46	254	26.19	66	6.80	41	4.23	10	1.03	15	1.55	—	—
	F	933	537	57.55	—	—	—	—	—	—	70	7.50	193	20.69	112	12.01	17	1.82	4	0.43	—	—	—	—	—	—
60 +	M	853	297	34.82	66	7.74	61	7.15	8	0.94	42	4.92	136	15.94	152	17.81	41	4.81	20	2.34	17	2.00	13	1.52	—	—
	F	866	611	70.56	—	—	—	—	—	—	58	6.70	130	15.01	54	6.23	9	1.04	4	0.46	—	—	—	—	—	—
TOTALS	M	5067	1962	38.72	226	4.46	190	3.75	17	0.33	197	3.90	787	15.53	1128	22.26	281	5.55	158	3.12	67	1.32	47	0.92	7	0.14
	F	5332	3415	64.05	—	—	—	—	—	—	383	7.18	938	17.59	498	9.34	74	1.39	24	0.45	—	—	—	—	—	—

Pipe Tobacco = Ozs. smoked per week.

Cigarettes and
Cigars = Amount smoked per day.

On two occasions during the year the 70 mm. Schonander X-ray machine was taken to St. Saviour's Hospital and a total of 224 patients were X-rayed. This figure has not been included in the aforementioned statistics.

Enquiries were again made during 1969, as in previous years, into the smoking habits of that part of the population which attended the M.M.R. Unit.

TABLE IV.—5.

Percentage, distributed by age and sex, of non-smokers who have attended the M.M.R. Unit, 1960—1969.

Year	Age Groups													
	15—19		20—29		30—39		40—49		50—59		60 +		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1960	53.48	78.67	40.22	64.77	29.79	53.02	26.75	50.88	24.14	58.51	27.29	67.97	32.57	60.47
1961	52.27	76.53	39.72	62.61	32.56	55.13	27.27	50.10	23.58	58.26	29.39	67.39	32.88	59.73
1962	56.51	72.00	41.81	64.52	35.95	55.00	27.16	52.80	25.67	59.92	30.23	68.76	34.84	60.57
1963	58.77	73.36	43.75	63.46	38.21	59.54	29.60	50.87	28.28	59.00	32.41	72.57	36.61	61.11
1964	68.00	81.23	42.84	65.57	37.74	59.84	30.62	54.86	30.37	55.90	34.15	71.03	37.55	63.04
1965	68.04	81.05	45.77	64.74	40.53	63.06	31.89	53.96	31.79	57.04	33.85	71.98	39.15	63.43
1966	73.34	80.26	45.84	65.78	38.42	59.80	31.70	52.98	28.88	56.28	33.14	71.13	37.60	62.26
1967	68.50	78.32	43.96	67.71	37.82	60.63	32.18	53.41	30.32	57.40	32.31	67.93	36.49	62.10
1968	66.83	87.70	45.33	66.93	39.96	62.65	31.77	52.98	30.35	58.00	33.55	69.31	37.20	63.07
1969	76.84	88.28	47.54	69.47	40.23	62.59	34.16	55.64	31.13	57.55	34.82	70.56	38.72	64.05
Change between 1960 & 1969	plus 23.36	plus 9.61	plus 6.84	plus 4.70	plus 10.44	plus 9.57	plus 7.41	plus 4.76	plus 6.99	minus 0.96	plus 7.53	plus 2.59	plus 6.35	plus 3.58

V
EARLY DETECTION CLINIC.

TABLE V.—1.
CERVICAL CYTOLOGY.
Distribution by age of the individuals who attended for a cervical smear in 1969.

Age Groups	No. of individuals who attended				No. of slides taken	No. showing no abnormalities	No. referred to doctor for	
	New	Repeat Routine	Special	Total			Suspected pre-cancerous condition	Abnormalities other than cancer
Under 20 ...	3	—	—	3	3	2	—	1
20—29	177	4	3	184	186	153	—	31
30—39	235	61	3	299	308	248	2	50
40—49	132	79	—	211	215	175	1	33
50—59	80	57	—	137	138	126	2	8
60 and over ...	22	12	—	34	35	33	—	1
Totals	649	213	6	868	885	737 (85%)	5 (0.6%)	124 (14%)

The 6 special repeat attendances were individuals who had been asked to attend for a repeat smear in 1968 but had failed to do so by the end of that year.

Of the remaining 862 individuals who attended the Clinic, 19 were asked to attend for a repeat smear to be taken for comparison purposes before arriving at a definite reading. By the end of the year 16 of these had re-attended and one other individual had a second slide taken after having been referred to her own doctor for treatment—making a total of 885 slides taken during the year.

Of the 5 cases suspected of pre-cancerous conditions 2 were confirmed as carcinoma-in-situ by further examination.

TABLE V.—2.
BREAST EXAMINATION.
Distribution by age of the individuals who attended for instruction in self-examination of the breasts in 1969.

Age Groups	No. of individuals who attended	No. showing no abnormalities	No. referred to own doctor for investigation
Under 20 ...	3	3	—
20—29	181	181	—
30—39	296	293	3
40—49	210	201	9
50—59	143	136	7
60 and over ...	32	32	—
Totals	865	846 (98%)	19 (2%)

IMMUNISATION AND VACCINATION.

VACCINATION FOR INTERNATIONAL TRAVEL.

TABLE VI.—1.

Number and type of vaccinations given during 1969 at the Clinic held at the Public Health Office.

Smallpox : Primaries	36
Re-vaccinations	407
T.A.B.	676
T.A.B. and Cholera	60
T.A.B. and Tetanus	14
Cholera	28
Tetanus	2

Yellow fever inoculations continued to be given at the Pathological Laboratory, The Parade, St. Helier.

TABLE VI.—2.

Number and type of International Certificates of Vaccination issued by General Practitioners stamped by the Public Health Department during 1969.

Smallpox : Primaries	176
Re-vaccinations	1,516
Cholera	157

ANTI-POLIOMYELITIS VACCINATION.

TABLE VI.—3.

Distribution and type of doses of oral vaccine given during 1969.

No. of doses	Public Health and Infant Welfare	Medical Practitioners	Total
1st dose	715	1	716
2nd dose	725	1	726
3rd dose	292	1	293
4th dose (1st booster) ...	774	5	779
5th dose (2nd booster) ...	99	—	99
Total	2,605	8	2,613

At the end of the year 60 persons had received one dose only, 420 had received two doses, 6,392 had received three doses, 6,121 had received four doses and 537 had received a fifth dose. A further 215 had registered but had not yet received their first dose.

B.C.G. VACCINATION.

1,212 individuals who had not previously been vaccinated received B.C.G. during 1969. No less than 1,027 of these cases were babies in the first year of life, of whom 1,022 (99.1%) were born during the year.

Only 9 babies born during 1969 remained unprotected at the end of the year.

TABLE VI.—4.

Present B.C.G. immunity state of those persons who have been vaccinated in Jersey since 1949.

Age Groups	Population	No. protected by B.C.G.	% protected by B.C.G.
Under 5	5,564	5,561	99.9%
5—9	5,660	6,606	99.0%
10—14	4,143	3,959	95.6%
15—19	3,694	3,523	95.4%
20—24	4,254	3,231	76.0%
25—29	3,111	2,587	83.1%
30—34	3,545	2,001	56.4%

OTHER IMMUNISATIONS AND VACCINATIONS.

Details of other immunisations and vaccinations will be found under the sections of this Report dealing with the Child Welfare Clinics and the School Medical Service.

VII

INFECTIOUS DISEASES.

TABLE VII.—1.

Infectious diseases (other than tuberculosis) notified during 1969.

Diseases	Cases notified
Dysentery (Sonne)	2
Food Poisoning	14
Scarlet Fever	2
Erysipelas	2
Meningococcal Meningitis	1
Paratyphoid B	8
Infective Jaundice	5

TABLE VII.—2.

Transmissible diseases treated at Overdale Hospital during 1969.

Disease	No. of Cases
Tuberculosis (all forms)	22
Abdominal Upset	1
Dysentery (Sonne)	2
Infective Jaundice	3
Gastro-enteritis	2
Measles	3
Influenza	1
Chicken Pox	2
Erysipelas	1
German Measles	1
Scabies	1
Paratyphoid B	1
Food Poisoning	2
Pyelitis	1
Glandular Fever	1

VENEREAL DISEASES.

Dr. P. G. Bentlif, who conducts the Special Clinics, reports as follows :—

As will be seen from the figures, V.D. is on the increase, mostly gonorrhoea and N.S.U. Syphilis, I am glad to say, has become a rare disease compared with previous years. Female contacts have been traced and treated, thanks to the continuing efforts of Dr. Scholefield.

TABLE VII.—3.

Attendances at the Special Clinics.
1967—1969.

	1967			1968			1969		
	M	F	T	M	F	T	M	F	T
New patients	169	28	197	185	33	218	204	43	247
Old patients	237	59	396	396	54	450	535	127	662
Total	506	87	593	581	87	668	739	170	909

VIII SCHOOL MEDICAL SERVICE.

TABLE VIII.—1.
Medical Inspections 1966—1969.

	1966	1967	1968	1969
Total number of pupils on school register... ..	8,948	9,247	9,789	10,273
Number of children inspected	2,343	2,691	2,756	2,996
Percentage of children inspected... ..	26.2	29.1	28.2	29.2
Average number of inspections per session	16	15	15	15
Number of absentees	109	98	152	133
Number of refusals	41	48	50	20

TABLE VIII.—2.
Number of children examined distributed by age groups, sex, defects and referrals.

Age Groups	Sex	No. Examined	No. with Defects	No. Referred
Infants (age 5—6)	M	557	405	64
	F	587	335	49
Juniors (age 10)... ..	M	429	286	37
	F	400	254	46
Seniors (age 14)... ..	M	273	112	31
	F	336	169	48
Special Examinations (all age groups)	M	212	105	21
	F	202	101	26
Totals	M	1,471	908	153
	F	1,525	859	169

The 51 children examined at the Junior Training Centre are not included in this table.

TABLE VIII.—3.

Number of defects requiring treatment found during periodic and special examinations with their distribution as regards age groups.

	Periodic Examinations						Special Examinations		Total
	Infants		Juniors		Seniors		M	F	
	M	F	M	F	M	F	M	F	
Cleanliness	—	—	—	—	—	—	—	—	—
Head	—	—	—	—	—	—	—	—	—
Teeth	—	—	—	—	1	—	1	—	2
Skin	1	1	1	—	4	5	1	1	14
Eyes : Vision	17	18	24	37	20	33	12	20	181
Squint	3	—	2	2	—	2	—	2	11
Other	1	—	—	—	—	—	—	—	1
Ears : Hearing	16	18	—	4	4	3	3	2	50
Otitis Media	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—
Nose and Throat... ..	9	2	3	1	—	2	—	—	17
Speech	7	5	—	—	1	—	—	—	13
Glands	—	—	—	—	—	—	—	—	—
Heart	3	—	—	—	—	—	—	1	4
Lungs	1	1	1	1	—	—	—	—	4
Development : Hernia	—	—	—	—	—	1	—	—	1
Other	2	—	4	—	—	—	3	—	9
Orthopaedic : Posture	—	—	—	—	—	1	—	—	1
Feet	—	—	—	—	1	—	—	—	1
Other	—	3	—	—	—	1	1	—	5
Nervous system : Epilepsy	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—
Psychological : Development	1	—	—	1	—	—	—	—	2
Stability	3	1	2	—	—	—	—	—	6
Nocturnal Enuresis	—	—	—	—	—	—	—	—	—
Others	—	—	—	—	—	—	—	—	—
Totals	64	49	37	46	31	48	21	26	322

TABLE VIII.—4.

Incidence of defects and diseases requiring treatment (excluding dental disease and infestation with vermin) found at Medical Inspections 1967—1969.

No. of children examined	1967		1968		1969	
	2,691		2,756		2,996	
Type of Defects	No. of Defects	Incidence per 1,000 children	No. of Defects	Incidence per 1,000 children	No. of Defects	Incidence per 1,000 children
Skin	16	5.9	13	4.7	14	4.7
Eyes : Vision	163	60.6	157	57.0	181	60.4
Squint	4	1.5	3	1.1	11	3.7
Other	—	—	1	0.4	1	0.3
Ears : Hearing	15	5.6	35	12.7	50	16.7
Otitis Media	—	—	1	0.4	—	—
Other	—	—	—	—	—	—
Nose and Throat	23	8.5	6	2.2	17	5.7
Speech	16	5.9	25	9.1	13	4.3
Glands	1	0.4	—	—	—	—
Heart... ..	—	—	8	2.9	4	1.3
Lungs	2	0.7	2	0.7	4	1.3
Development : Hernia	7	2.6	6	2.2	1	0.3
Other	9	3.3	18	6.5	9	3.0
Orthopaedic : Posture	2	0.7	1	0.4	1	0.3
Feet	—	—	2	0.7	1	0.3
Other	1	0.4	4	1.5	5	1.7
Psychological : Development ...	1	0.4	1	0.4	2	0.7
Stability	—	—	1	0.4	6	2.0
Nervous system : Epilepsy	—	—	—	—	—	—
Other... ..	—	—	—	—	—	—
Others	1	0.4	—	—	—	—
Nocturnal Enuresis... ..	—	—	4	1.5	—	—

TABLE VIII.—5.
Verminous Heads 1965—1969.

Year	No. of Cases
1965... ..	130
1966... ..	80
1967... ..	85
1968... ..	87
1969... ..	28

B.C.G. VACCINATION.

TABLE VIII.—6.
Distribution of the 14-year old children in the various schools who were invited for B.C.G. testing.

School	No. of invitations sent	Parent Refusals	Forms not returned	No. tested	Absent		Total No. of tests read
					Testing	Reading	
St. Helier Girls	147	15	—	109	23	9	100
Victoria College	53	5	8	35	5	2	33
Hautlieu Boys	32	1	—	30	1	1	29
Hautlieu Girls	58	1	—	55	2	1	54
St. Helier Boys	98	—	—	95	3	6	89
Totals	388	22	8	324	34	19	305

TABLE VIII.—7.
Summary of results of tuberculin tests among 14-year olds.

School	Reaction in previously B.C.G. vaccinated pupils						Reaction in unvaccinated pupils						Total
	Neg.	1	2	3	4	Total	Neg.	1	2	3	4	Total	
St. Helier Girls ...	5	18	51	6	1	81	17	—	—	1	1	19	100
Victoria College ...	—	1	15	—	—	16	14	3	—	—	—	17	33
Hautlieu Boys ...	2	5	17	—	—	24	4	1	—	—	—	5	29
Hautlieu Girls ...	2	12	23	1	—	38	14	2	—	—	—	16	54
St. Helier Boys ...	4	6	57	6	—	73	12	2	1	1	—	16	89
Totals	13	42	163	13	1	232	61	8	1	2	1	73	305

IX
SCHOOL DENTAL SERVICE.

TABLE IX.—1.
Attendances and Treatment.

	1967	1968	1969
Number inspected	4,790	6,020	5,555
Number needing treatment	2,493	2,696	2,019
% needing treatment	52.0	45.0	37.0
Number consenting to treatment	1,789	1,856	1,497
% consenting to treatment... ..	72.0	68.5	74.0
Number of first visits	3,022	3,467	2,505
Total attending	9,800	9,035	9,078
Number of fillings (P)	6,095	4,947	3,967
Number of fillings (T)	698	829	976
Number of teeth filled (P)	4,768	3,684	2,845
Number of teeth filled (T)	1,618	1,585	1,252
Number of teeth extracted (P)	713	662	752
Number of teeth extracted (T)	1,718	2,612	1,558
Number of visits for orthodontic treatment	645	909	1,142
Anaesthetics administered	497	466	507

X
SPEECH THERAPY.

TABLE X.—1.

Number of patients treated and number of attendances at the Public Health Department Clinic.

	1966	1967	1968	1969
Number of patients treated	166	124	137	146
Number of attendances	1,114	1,082	1,097	1,114
Number of patients on review	79	80	84	106
Number of discharges	83	84	89	81

TABLE X.—2.

Distribution by sex, age group and type of defect of all patients seen at the Public Health Department Clinic, including the Junior Training Centre.

Type of Defect	Age Groups					
	0—5		6—15		Total	
	M	F	M	F	M	F
Dyslalia (retarded speech development)	33	17	49	16	82	33
Dyslalia 1 (associated with deafness)	—	—	—	2	—	2
Dyslalia 2 (associated with mental defect)	1	1	2	—	3	1
Dyslalia 3 (idioglossia)	—	—	1	2	1	2
Stammer	1	1	10	5	11	6
Cleft Palate and Hare Lip	—	—	—	1	—	1
Cerebral Palsy	1	—	2	—	3	—
Hydrocephalus	—	—	—	1	—	1
Total	36	19	64	27	100	46

TABLE X.—3.

Number of patients treated and number of attendances at the Hospital Clinic.

	1966	1967	1968	1969
Number of patients treated	39	43	46	45
Number of attendances	344	435	436	447
Number of patients on review	13	20	25	26
Number of patients discharged	26	27	30	34

TABLE X.—4.

Distribution by sex, age group and type of defect of all patients seen at the Hospital Clinic.

Type of Defect	Age Groups															
	0—15		16—24		25—34		35—44		45—54		55—64		65+		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Dysphonia	—	—	—	—	1	1	1	3	1	2	1	2	—	—	4	8
Dysphasia... ..	—	—	—	—	—	—	—	1	3	2	6	4	4	2	13	9
Dysarthria... ..	—	—	—	—	1	—	—	—	1	1	1	—	—	—	3	1
Cerebral Palsy	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Stammer	—	—	1	—	1	—	1	1	—	—	—	—	—	—	3	1
Laryngectomy	—	—	—	—	—	—	—	—	1	—	1	—	—	—	2	—
Total... ..	1	—	1	—	3	1	2	5	6	5	9	6	4	2	26	19

XI

ENVIRONMENTAL HEALTH CONTROL.

TABLE XI.—1.

Building Control.

	1967	1968	1969
Initial number of applications received at the Planning Office... ..	2,430	3,286	2,768
Applications processed by the Public Health Department	1,632	1,790	1,805
Dwelling units completed during the year	530	324	393
Drain tests applied to buildings in the course of erection and to existing properties ...	1,447	1,541	1,630

TABLE XI.—2.

Details of Dwelling Houses which have upon report been condemned and closed by Act of the Public Health Committee as being unfit for human habitation.

NUMBER OF HOUSES CONDEMNED	ADDRESS	DATE OF REPORT	RESULT OF ACTION TAKEN
1	" Seacott ", Petit Port, St. Brelade	27.1.69.	Still occupied.
4	4 cottages rear 84 Great Union Road, St. Helier	9.6.69.	Nos. 2, 3 and 4 vacated.
2	5 and 5a Aquila Road, St. Helier	9.6.69.	Vacated.
1	26 Pomona Road, St. Helier	28.7.69.	Vacated.
1	Wooden bungalow rear 21 St. Luke's Crescent, St. Clement	28.7.69.	Vacated.
1	1 Brook Cottages, Ann Street, St. Helier	27.10.69.	Vacated.
1	18a Ann Street, St. Helier	27.10.69.	Still occupied.
1	Near La Tourelle, Faldouet Lane, St. Martin	17.11.69.	Still occupied.

TABLE XI.—3.

Loi (1940) sur la Protection de l'Enfance.

	1967	1968	1969
Number of dwellings inspected in connection with applications for registration	46	32	27
Total number of foster homes registered at the end of the year	106	132	159

FOOD AND DRUGS.

TABLE XI.—4.

Complaints received and investigated during 1969.

	Bakery Products	Meat and meat products	Drinks	Packaged and tinned food
Foreign bodies ...	5	1	2	1
Insects	2	3	—	1
Contamination ...	—	—	—	1
Decomposition ...	—	2	—	1
Mould	6	2	—	—
Totals	13	8	2	4

TABLE XI.—5.

Result of proceedings taken.

	Nature of Complaint	Result
1	Strip of metal in a cake	£20 fine
2	Foreign body in a bottle of stout	£20 fine
3	Mouldy sausage rolls	£20 fine

TABLE XI.—6.

Food and Drugs Samples.

Nature of Sample	No. of samples taken	Genuine	Remarks
Milk	170	152	18 samples were below standard. 14 of these were check samples on plant processing before sale to the public. 4 were complaint investigations and follow-up samples were satisfactory.
Cream	6	6	
Meat and meat products	10	10	
Drinks	22	22	
Vegetables	2	2	
Dairy products	2	2	
Tinned and packaged food	14	14	
Condiments	1	1	
Ice Cream... ..	4	4	
Chocolate	5	5	
			1 sample slightly contaminated with mould.

TABLE XI.—7.

Clean Food.

FOOD HYGIENE (GENERAL PROVISIONS) (JERSEY) ORDER, 1967.									
Number of inspections to Restaurants, Cafés and Beach Cafés	...	...	...	...	...	...	...	...	350
Number of inspections to Mobile Shops	...	...	...	...	...	...	...	...	76
Number of inspections to Bakehouses	...	...	...	...	...	...	...	...	45
Number of inspections to Hotels	...	...	...	...	...	...	...	...	150
Number of inspections to miscellaneous food premises	...	...	...	...	...	...	...	...	200

TABLE XI.—8.

Ice Cream and Milk.

Nature of Sample	No. of samples taken	Satisfactory
Ice cream for bacteriological examination	59	40 (67.8%)
Milk for Phosphatase Test (efficiency of pasteurisation) ...	114	114 (100%)
Milk for Strontium 90 content (radiation hazard)	16	16 (100%)

TABLE XI.—9.

Licences issued under the Food and Drugs (Ice Cream Stalls etc.) (Jersey) Order, 1969.

No. of ice cream vehicles licensed	No. of approved premises used in connection with vehicles
16	3

TABLE XI.—10.
Water Supply

	Satisfactory	Unsatisfactory	Total
Samples taken for :—			
Bacteriological examination ...	183	44	227
Chemical analysis	180	38	218
SOURCES SAMPLED			
Wells	98	32	130
Springs	4	6	10
Streams... ..	1	3	4
Rainwater storage	12	5	17
Bore tubes	61	7	68
Treated supplies	2	—	2
Number of samples which contained excessive lead			6
Number of samples which contained excessive iron			40
Number of samples which contained excessive copper			3
Number of samples which contained excessive zinc			7

TABLE XI.—11.
Disinfections and Disinfestations.

	1967	1968	1969
Number of rooms disinfected for infectious disease	34	63	38
Number of mattresses disinfected... ..	142	196	68
Number of bundles of bedding and clothing disinfected... ..	433	463	174
Number of rooms disinfested	775	615	778
Number of books disinfected... ..	50	20	20

TABLE XI.—12.
Pest Destruction.

	1967	1968	1969
New Inspections	343	252	334
Re-inspections	1,081	939	1,709
Re-visits	829	807	1,441
Spraying	19	9	14

Six vessels with expired De-Ratting Exemption Certificates were examined, found free of rats, and issued with new Exemption Certificates in accordance with Article 12 of the International Sanitary Regulations.

XII

WELFARE OF THE AGED.

TABLE XII.—1.

Persons placed in private Old Persons' Homes by the Public Health Committee in 1969.

	Male	Female	Total
Number of persons boarded out 1st January, 1969 ...	11	85	96
Number of persons added during the year	9	22	31
Number of persons removed/died during the year... ..	6	23	29
Number of persons remaining 31st December, 1969 ...	14	84	98

TABLE XII.—2.

Persons placed in private Old Persons' Homes by the Public Health Committee 1960—1969.

Year	Male	Female	Total
1960	24	26	50
1961	17	32	49
1962	17	26	43
1963	21	33	54
1964	19	51	70
1965	24	84	108
1966	24	99	123
1967	19	109	128
1968	22	119	141
1969	20	107	127

TABLE XII.—3.

Meals on Wheels.

	1967	1968	1969
Number of meals delivered	6,867	6,385	9,305

JERSEY HOME HELPS SOCIETY.

TABLE XII.—4.

Persons helped 1968—1969.

	1968	1969
Brought forward from previous year	116	132
Temporary sickness or accident	69	53
Post-operative	21	18
Maternity	22	20
Chronic sick or elderly	63	55
Psychiatric	—	6
Total	291	284

TABLE XII.—5.

Persons helped distributed by Parish 1967—1969.

Name of Parish	1967	1968	1969
St. Helier	120	146	149
St. Saviour	38	43	33
St. Clement	33	38	30
St. Brelade	20	19	21
St. Martin	10	12	8
Trinity	6	10	12
Grouville	14	9	9
St. Ouen	4	6	9
St. Lawrence	11	4	5
St. John	2	2	3
St. Peter	6	2	5
St. Mary	—	—	—
Total	264	291	284

TABLE XII.—6.

Number of Home Helps employed during 1969.

Employed at the beginning of the year	33
Recruited during the year	19
Left employment during the year... ..	21
Employed at the end of the year	31
Voluntary workers	9

MAISON LE PAPE.

TABLE XII.—7.

Number of inmates boarded out 1st January, 1969 ...	14
Number of inmates added during the year	5
Number of inmates removed/died during the year ...	8
Number of inmates remaining 31st December, 1969...	11

XIII

DISTRICT NURSING AND CHILD WELFARE.

DISTRICT NURSING.

TABLE XIII.—1.

Summary of General Nursing cases 1967—1969.

Type of Case	New Cases					
	1967		1968		1969	
	Over 65 years of age	Total	Over 65 years of age	Total	Over 65 years of age	Total
Medical... ..	414	570	434	604	423	585
Surgical... ..	59	122	79	152	70	129
Tuberculosis	1	7	1	8	1	5
Miscarriage/maternity... ..	—	4	—	—	—	2
Casual	—	—	—	—	—	—
Total	474	703	514	764	494	721

TABLE XIII.—2.

Summary of General Nursing visits 1967—1969.

Type of Case	Visits					
	1967		1968		1969	
	Over 65 years of age	Total	Over 65 years of age	Total	Over 65 years of age	Total
Medical... ..	16,292	20,581	16,737	20,504	18,762	23,308
Surgical... ..	2,415	3,355	2,758	4,000	2,523	4,121
Tuberculosis	14	248	24	151	4	105
Miscarriage/maternity... ..	—	23	—	6	—	12
Casual	—	1,160	—	1,092	—	1,510
Total	18,721	25,367	19,519	25,753	21,289	29,056

TABLE XIII.—3.

Work carried out by the district nurses in connection with the School Health Service 1967—1969.

	1967	1968	1969
Hygiene :—			
Number of children seen	16,743	20,764	19,649
Number of sessions... ..	129	156	114
Infected heads	85	87	28
Immunisation :—			
Number of doses given	2,531	2,013	2,511
Number of sessions... ..	175	117	99
Special Visits :—			
Homes and schools	285	247	129

HEALTH VISITING.

TABLE XIII.—4.

Visits paid by Health Visitors.
1967—1969.

	1967	1968	1969
New babies	1,113	1,075	1,010
Other visits	12,296	11,090	10,528
Total	13,409	12,165	11,538

TABLE XIII.—5.

Child Welfare Clinics.
1967—1969.

	1967	1968	1969
Number of sessions... ..	523	526	516
New births	1,029	975	879
Total attendances	14,575	12,565	11,912
Examined by doctor	7,500	7,046	6,031
Vaccinations and immunisations given... ..	7,603	6,941	5,481

XIV
FAMILY PLANNING.

TABLE XIV.—1.

Persons who received free services 1968—1969.

Year	Free Domiciliary Service	Free Clinic
1968	33	19
1969	21	35

TABLE XIV.—2.

Attendances at Clinics 1967—1969.

Year	New Cases	Re-attendances	Total Attendances
1967	139	507	646
1968	179	569	748
1969	161	881	1,042

XV

CREMATORIUM.

TABLE XV.—1.

Details of the cremations carried out during 1969.

CREMATIONS :—															
Total number of cremations ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	281
Number of Jersey born residents ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	86
Number who had resided in Jersey for several years...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	185
Number of visitors ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
DISPOSITION OF ASHES :—															
Scattered in the Garden of Remembrance ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	191
Taken away by representative for burial in family graves in the Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47
Taken away by representative for burial at sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Taken away by representative for burial in parts of the Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Returned to England, France, America and Germany ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27
BOOK OF REMEMBRANCE :—															
Entries in Book of Remembrance...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	122

TABLE XV.—2.

Number of Cremations and Percentage of total deaths
1961—1969.

Year	No. of Cremations	% of Total Deaths
1961	11	1.3
1962	143	20.0
1963	175	20.6
1964	173	22.8
1965	196	24.4
1966	*215	27.6
1967	222	28.5
1968	255	29.7
1969	281	33.1

* This figure excludes 22 people who died out of the Island and were brought to Jersey for cremation.

XVI

AMBULANCE SERVICE.

TABLE XVI.—1.

General Statistics 1967—1969.

	1967	1968	1969
Patients conveyed	9,711	13,276*	14,722*
Mileage	57,043	54,484	58,960
Journeys	11,308	10,093	10,386
Night calls (between 10 p.m.—7 a.m.)	636	671	758
Emergency calls	712	918	942
Number of occasions visitors conveyed	302	277	270
Journeys made by members of the Voluntary Hospital Car Service	1,082	1,045	1,806
Petrol consumed	3,185 gals.	3,277 gals.	3,491 gals.
Oil consumed	42 „	47½ „	48 „

* This figure includes patients returned home from Hospital and Nursing Homes. These patients were not included in 1967.

TABLE XVI.—2.

Classification of Cases 1967—1969.

	1967	1968	1969
General	3,383	3,515	3,773
X-ray... ..	309	683	744
Accident	1,178	1,333	1,411
Maternity	120	106	89
Special Treatment	4,278	7,160	8,130
Fever... ..	10	16	9
Mortuary	182	224	219
Air	242	223	330
Sea	9	16	17

In 1967 only patients conveyed to the Hospital for treatment at the various clinics were included, but in 1968 and 1969 those returned to their homes from the clinics were also included.

TABLE XVI.—3.

Classification of Accidents 1967—1969.

	1967	1968	1969
Involving motor cycles and motor scooters	79	77	42
Involving cars	239	260	331
In the home or at work	153	218	189
In the street or on the beaches	173	205	235
Collapses	345	353	379
Minor injury	157	170	200
Pedal cycles	32	50	35

